

## **Historic, archived document**

**Do not assume content reflects current  
scientific knowledge, policies, or practices**



63,03

103334

LIBRARY  
RECEIVED

★ MAY 8 1936 ★  
U. S. Department of Agriculture

Flock

of

Mon

fish

Wings

William Schipp

Botanical Explorer  
Stann Creek

B.H.

Central America



anno

1933-34

Flora  
of Honduras  
British Price List  
of

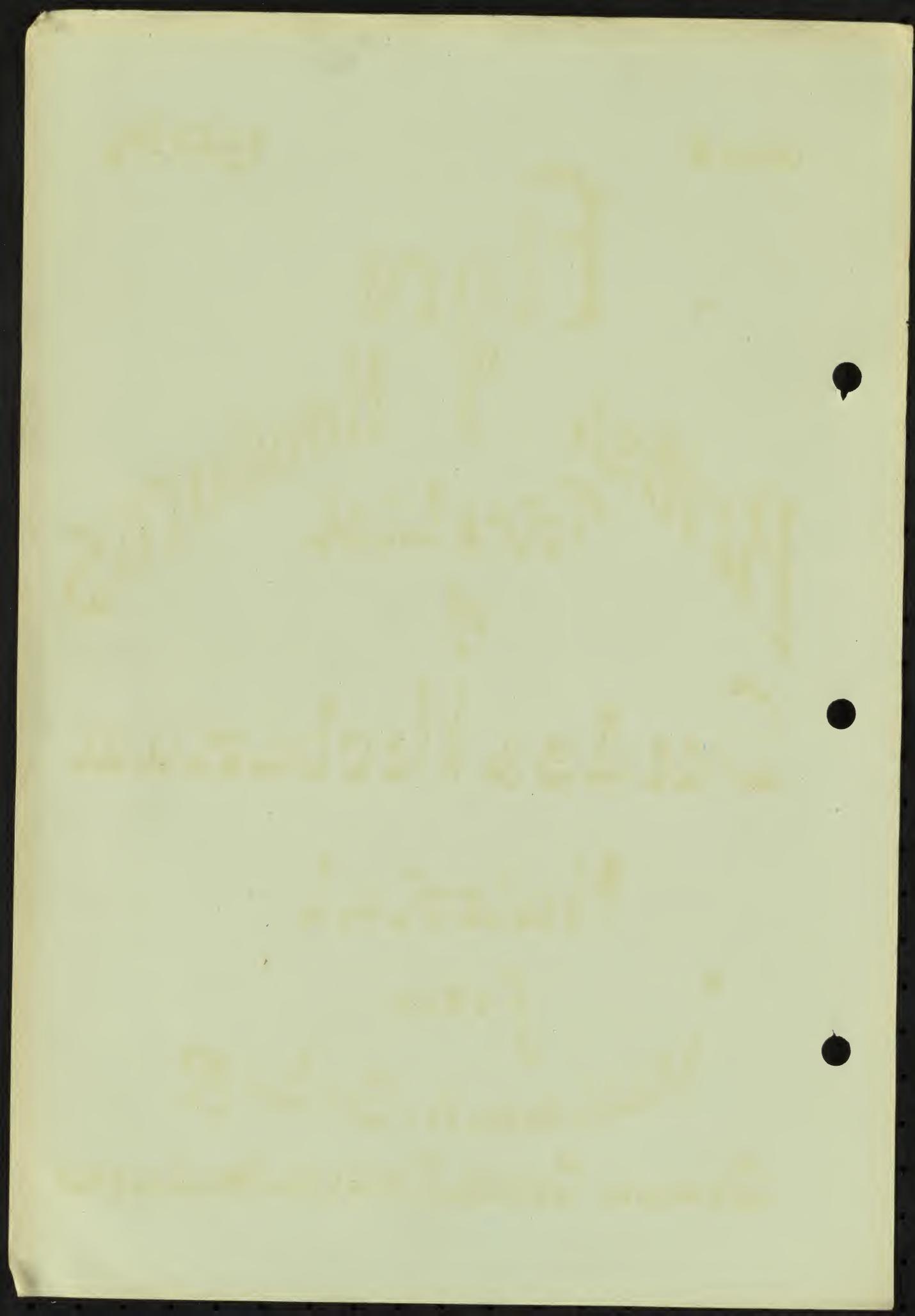
Seeds & Herbarium

Material

from

William A. Schipp

Stann Creek, British Honduras



## ACKNOWLEDGMENTS

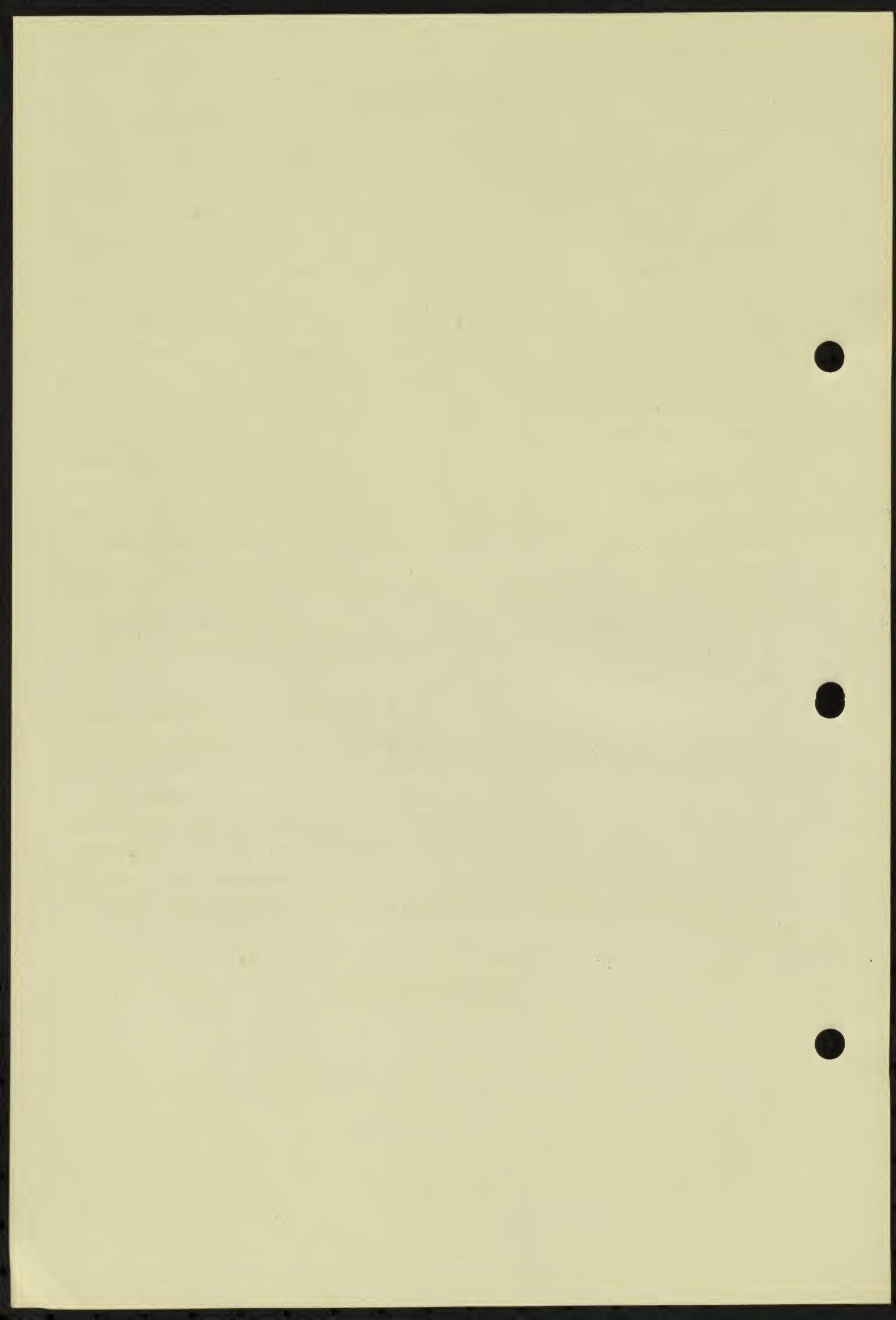
For the possibility of being able to send you this completely classified list of Herbarium Specimens I am, first and foremost, under a constant debt of gratitude to Prof. Paul. Standley of the Field Museum, Chicago, for the time and trouble he has given to the making of my Determinations; and for his many encouraging letters which have gone far to smoothing the rough passages one meets in work in the tropical bush. I am further in debt to Prof. R. Pilger of Berlin-Dahlem. To Prof. Max. Burret. Berlin-Dahlem, for the classification of my Palms and Prof. Randolph Taylor. Ann Arbor, Michigan, for classification of Algae. To Prof. A. S. Hitchcock, Washington. Prof. W. R. Maxon, Washington. Prof. R. Mansfeld, Berlin-Dahlem and Dr. E. Ulbrich, Berlin-Dahlem. To all these Specialists I render my respectful thanks.

I also take this opportunity of thanking many local residents, for their hospitality, during the course of my wanderings in different sections of the colony. And particularly:- To the Jesuit Mission Fathers. for their kindness, for placing their bush mission quarters at my disposal. To Dr. C. S. Harwood, Stann Creek. for his invaluable aid and advice in terminating this catalogue. To my friend Mr. A. Bellhouse, Stann Creek. To Mr. H. W. Turner of the Tropical Oil Products Co. To Mr. Lee & Magruder Pearse of Punta Gorda, and to more I acknowledge my gratefulness.

I have to thank my Clients for the generous support they have again given me, for without the continual assistance afforded by their orders for Herbarium Specimens, Seeds and other material there would not be now the possibility of presenting you with this Catalogue; and it is my hope that if you are interested in the Indigenous Flora of Central America and not already a Subscriber to my Collections, you will assist me in my endeavour to, produce in time a fairly comprehensive Catalogue of the Flora of the whole of this Colony.

Yours faithfully

William A. Schipp



TERMS AND CONDITIONS OF SALE

Subscribers are requested to read carefully the following

Directions and Explanations:

Prices are quoted in the Dollar currency of the United States of America. If money is transmitted in any other currency it must be of equivalent value on date of receipt.

In all cases cost of Postage will be charged on material sent.

Subscribers ordering Herbarium material for the first time, if not writing under the letter-heads of UNIVERSITIES, BOTANICAL GARDENS or MUSEUMS, are requested to send with their order half the price value of the goods required. Following on despatch an Account will be rendered for the balance and Postage.

In the case of SEEDS it will be sufficient if such new Subscribers remit \$1.00 with their order. This will be returned if the SEEDS are unobtainable within six weeks, unless the Subscriber has in the meanwhile given other directions, or made other purchases in the payment for which the Dollar can be incorporated. See Explanations under SEEDS.

Prices for Preserved material etc, must be fixed by special arrangement.

Every care is taken in the packing of any material sent; and in the case of Herbarium Specimens. Extra precautions taken, are, the placing of material in an artificial Drier for half an hour, and then on withdrawal, to sprinkle with Napthalene before sealing for shipment. Any damaged specimen, inadvertently sent, will be replaced if the Number of the specimen is quoted.

SEEDS. In the case of SEEDS the date of collection will invariably be stated on the packet. Beyond this and due precautions as regards gathering, labelling true to name, and packing, I can give no guarantee as to germination, once the seeds have left my hands. There are too many uncertain factors, such as conditions of transport, temperature, depth of planting, soils etc. Seeds can only be sent at Consignee's risk. In the event however of receiving notification of failure of crop, I am prepared whenever it may be possible to re-collect such seed on a future occasion, to replace the same at half the original cost, if Clients so desire.

Clients must bear in mind, in the case of Seeds, that they are not ordering from a Nursery Garden; that the seeds of many of the Flora listed in this Catalogue may be only obtainable months after I have received their order for them, when I am lucky enough to come upon the plants in fruit. In the case of certain rare plants I may never have this good fortune. In the case of others bush fires, predatory animals and other causes may render their collection extremely difficult and uncertain.

PRICES

HERBARIUM MATERIAL. Subscribers to the General Collection of FLORA receive everything I collect, including Grasses, Ferns, hard-wooded Trees, Shrubs and Vines. Also musci and Fungi if they so desire. The Price to these Subscribers is 15 cents per specimen. The specimens are sent out in PARCELS of 50 to 100 plants when a sufficient number have been collected to make up the parcels.

Subscribers wishing to limit their purchases may do so in several ways. For instance they may instruct me to send all specimens of a certain class, such as Hard-wooded Trees, Shrubs and Vines only. In this case the charge will be 20 cents per specimen. If wanting all specimens of one particular Order, or Family only, Price will be 25 cents per specimen. If specimens are to be inclusive of a single Genus only, 30 cents per specimen. Purchasers wishing to select particular specimens from the General Collection may do so at a charge of 40 cents per specimen; but such specimens may not include Species Nova, the price for which in every case being \$1.00 each.

MARINE ALGAE. Bulky specimens such as Sargassum, Turbinaria and the calcarious forms in ordinary newspaper folders 25 cents per specimen.

All the gelatinous forms, mounted on Bristol Board (size to suit purchaser) 40 cents per specimen.

Botanists who wish to monograph a Genus, and require more ample material for study, can be supplied with specimen in folder, with descriptive Herbarium label, with the addition of flowers and root tips and sections in preservative at 50 cents per specimen.

All Correspondence to be addressed

William A. Schipp

c/o Dr. C. S. Marwood

Stann Creek

British Honduras.

Clients are requested whenever possible to remit money in the form of Bank Drafts.

## THALLOPHYTA

(Marine Algae)

## CHLOROPHYCEAE

## ULOTRICHALES

## ULVACEAE

Bristol Board. Paper Folders.  
\$.C

A.10	Ulva	fasciata Delile.	-	-	-	-	.40
15	Enteromorpha	tubulosa Kg.	-	-	-	-	.40
53	- - -	lingulata J. Ag.	-	-	-	-	.40

## SIPHONOCLADIALES

## CLADOPHORACEAE

14	Chaetomorpha	brachygyona Harv.	-	-	-	-	.40
8	Cladophora	sp.	-	-	-	-	.40
39	- - -	fascicularis (Mert.) Kuetz.	-	-	-	-	.40
20	Cladophoropsis	membranaceae Borg.	-	-	-	-	.40

## DASYCLADACEAE

25	Acetabulum	crenulatum (Lamx.) Kuntze.	-	-	-	-	.25
----	------------	----------------------------	---	---	---	---	-----

## VALONIACEAE

9	Valonia	aegagrophila C. Ag.	-	-	-	-	.40
48	Anadyomene	stellata (wulf.) Ag.	-	-	-	-	.40

## SIPHONALES

## CODIACEAE

37	Avrainvillea	longicaulis (Lg.) Murr. et Boodle.	-	-	-	-	.40
1	Halimeda	opuntia (L.) Lamx.	-	-	-	-	.25
36	- - -	tridens (E. et S.) Lamx.	-	-	-	-	.25
34	- - -	monile (E. et S.) Lamx.	-	-	-	-	.25
35	- - -	simulans Howe.	-	-	-	-	.25
32	Penicillus	dumetosus (Lamx.) Blainv.	-	-	-	-	.25
33	- - - -	capitatus Lamk.	-	-	-	-	.25
21	Udotea	flabellum (E. et S.) Howe.	-	-	-	-	.25

## CAULERPACEAE

41A	Caulerpa	sertularioides (Gmel.) Howe.	-	-	-	-	.40
41B	- - -	taxifolia (Vahl.) Ag.	-	-	-	-	.40

## CHARACEAE Stoneworts.

S-408	Chara	sp.	-	-	-	-	.15
-------	-------	-----	---	---	---	---	-----

## PHAEOPHYCEAE

## DICOTYOTALES

## DICOTYOTACEAE

7	Dictyota	cervicornis Kuetz.	-	-	-	-	.25
47	- - -	divaricata Lamx.	-	-	-	-	.25

## FUCALES

## FUCACEAE

## Bristol Board. Folders.

					\$.	C.
19	Sargassum	vulgare C.Ag.				.25

## RHODOPHYCEAE

## CHAETANGIACEAE

29	Galaxaura	squalida Kjellm.				.25
----	-----------	------------------	--	--	--	-----

## SPHAEROCOCCACEAE

12	Hypnea	cornuta (Lamx.) J.Ag.	-	-	-	.40
42	-	musciformis (Wulf.) Lamx.	-	-	-	.40
45	-	cervicornis J.Ag.	-	-	-	.40
5	Gracilaria	lacinulata (Vahl.) Howe.	-	-	-	.40
30	-	confervoides (L.) Grev.	-	-	-	.40
49	-	mamillaris (Mont.) Howe.	-	-	-	.40
24	-	cornea J.Ag.	-	-	-	.40

## RHODOMELACEAE

11	Acanthophora	muscoïdes (L.) Bory.	-	-	-	.40
18	Dasya	sp.	-	-	-	.40
31	Digenia	simplex (Wulf.) Ag.	-	-	-	.40
46	Heterosiphonia	Gibbesii (Haw.) Falk.	-	-	-	.40
28	Laurencia	papillosa (Forsk.) Grev.	-	-	-	.40
44	-	obtusa (Huds.) Lamx.	-	-	-	.40
50	Polysiphonia	gorgoniae Harv.	-	-	-	.40

## CERAMIACEAE

52	Centroceras	clavulatum Mont.	-	-	-	.40
51	Spyridia	filamentosa (Wulf.) Harv.	-	-	-	.40

## GRATELOUPIACEAE

43	Grateloupia	filicina (Wulf.) C.Ag.	-	-	-	.40
13	Halymenia	floresia (Clem.) C.Ag.	-	-	-	.40

## CORALLINACEAE

26	Amphiroa	rigida Lamx, var. antillana Borg.	-	-	-	.25
27	-	fragilissima (L.) Lamx.	-	-	-	.25
40	Corallina	cubensis (Mont.) Kg.	-	-	-	.25

## BRYOPHYTA

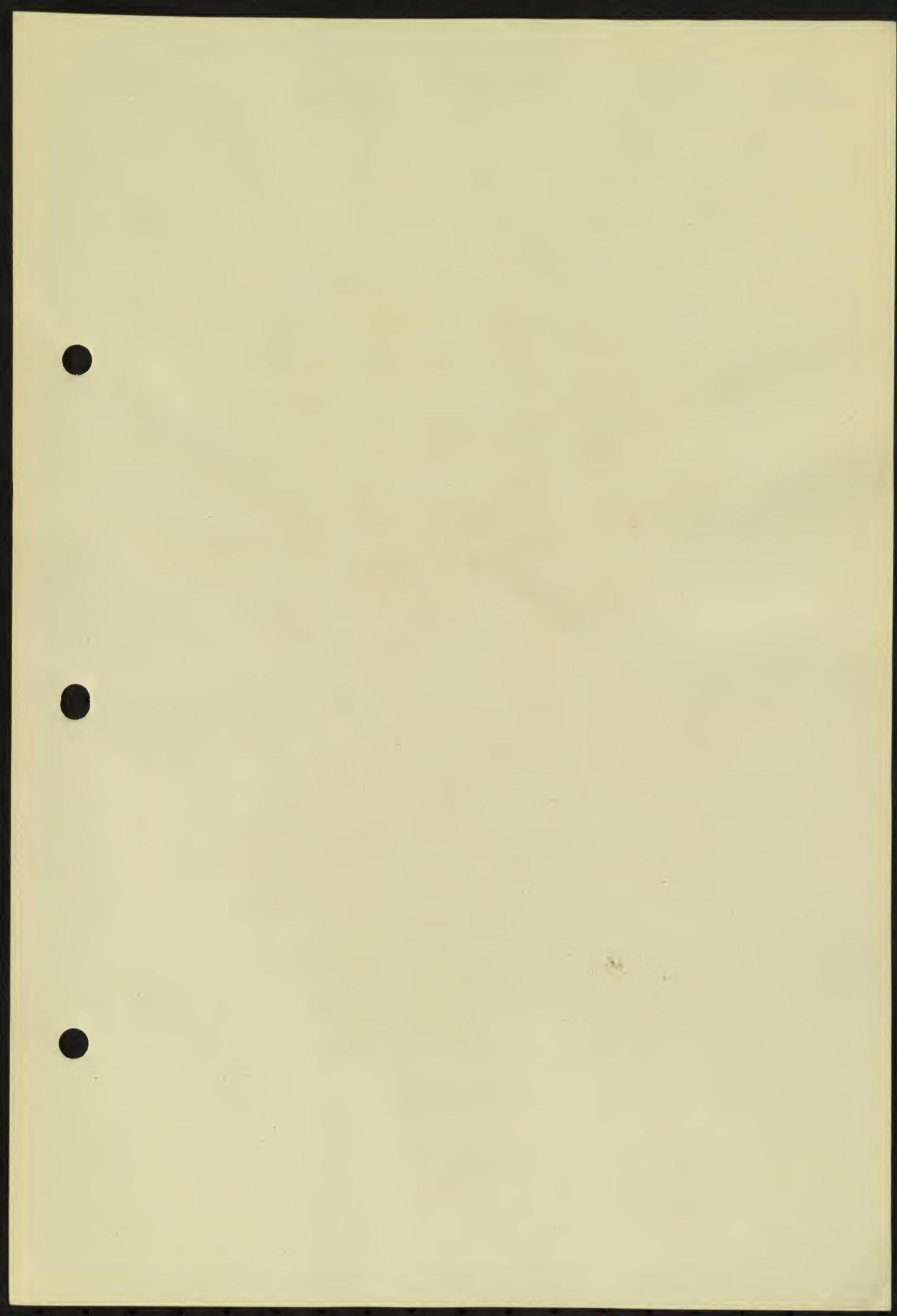
## (Musci)

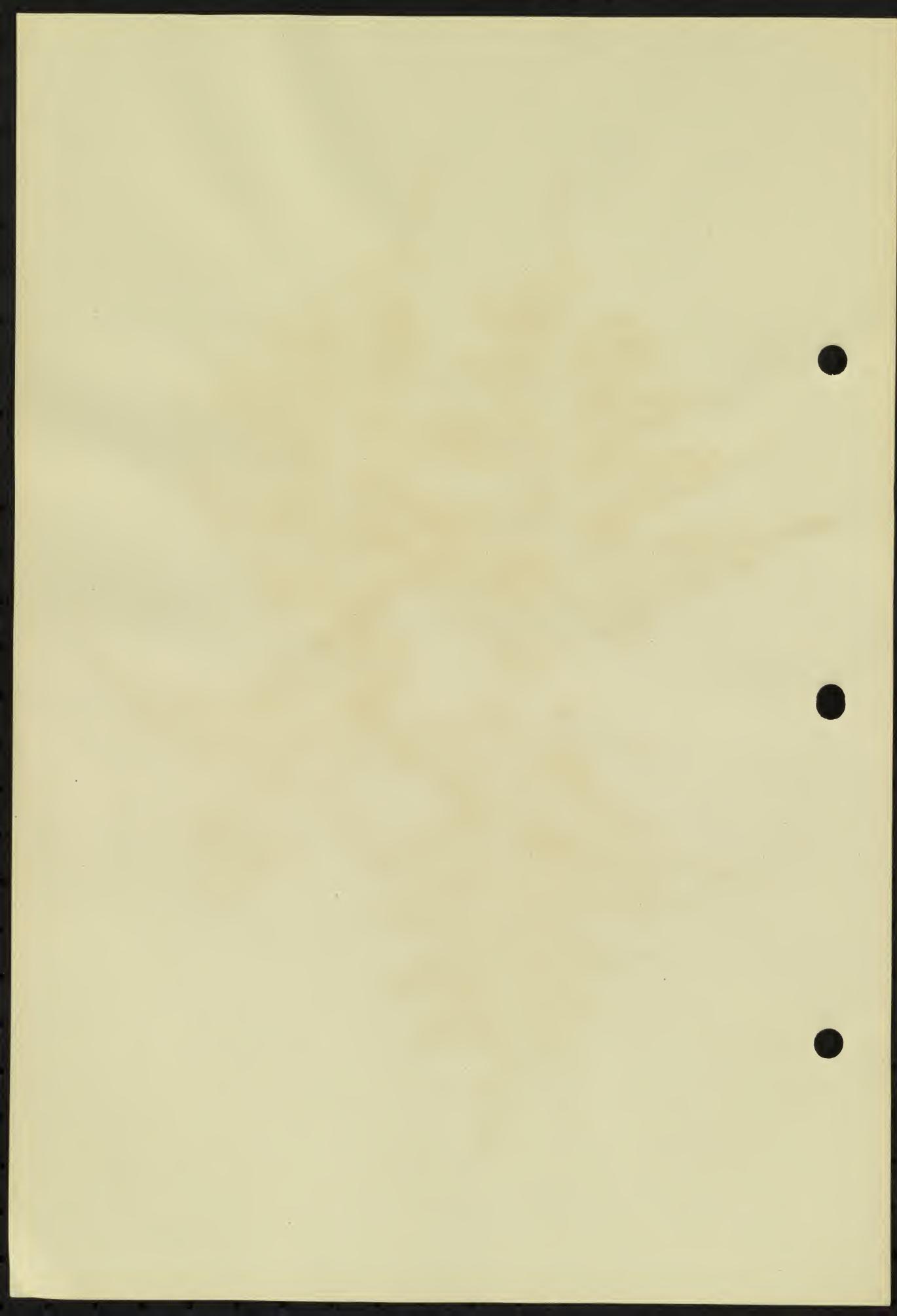
## SPHAGNALES

S-100	Sphagnum	erythrocalyx Hampe.	-	-	-	.15
-------	----------	---------------------	---	---	---	-----

## BRYALES

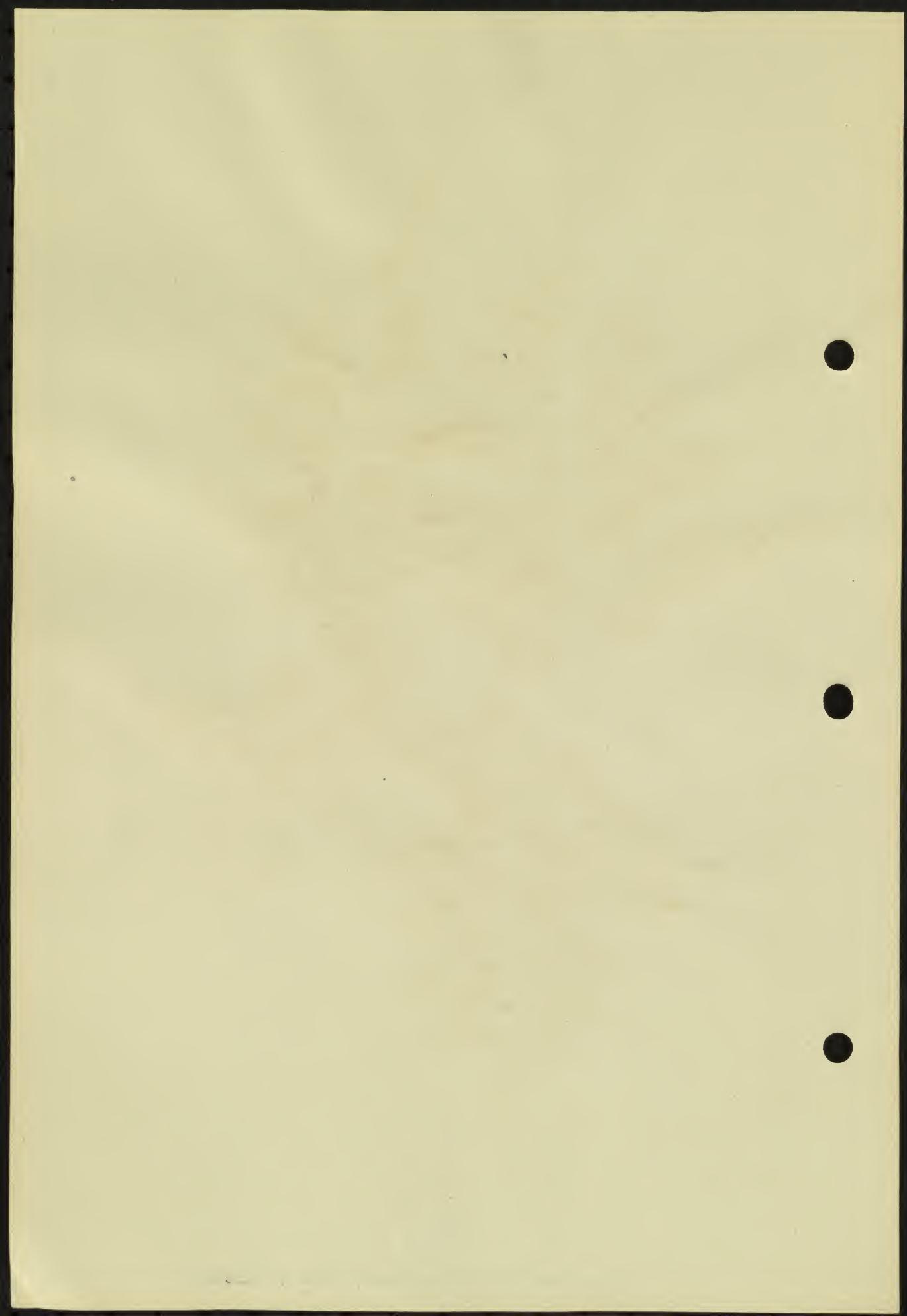
S-161	Ortobolepharum	albidum (L.) Hedw.	-	-	-	.15
-------	----------------	--------------------	---	---	---	-----







Lygodium polymorphum (Cav.) HBK. (Filices.)



PTERIDOPHYTA  
 EUPTERIDOPHYTA  
 FILICALES LEPTOSPORANGIATAE  
 EUFILICALES

		Packet
		\$.C
	HYMENOPHYLLACEAE. Filmy-Fern Family.	
314	Hymenophyllum polyanthos Hook.	.25
S-117	- - - - sp.	.50
S-21	Trichomanes Ankersii Hook.	.25
S-12	- - - - pinnatum Hedw.	.25
S-108	- - - - membranaceum L.	.25
324	- - - - Hookerii Presl.	.25
364	- - - - Martinezii Rovirosa.	.25
237	- - - - diversifrons (Bory.) Matt.	.25
482	- - - - Galeottii Fourn.	.25
S-83	- - - - polypodioides L.	.25
	CYATHEACEAE. Cyathea Family.	
89	Alsophila blechnoides (Rich.) Hook.	.50
191	- - - - myosuroides Liebm.	.50
	POLYPODIACEAE. Polypody Family.	
S-272	Aspidium trifoliatum (L.) Sw.	.25
520	Dryopteris Sprengelii (Kaulf.) Kunze.	.25
362	- - - - glandulosa var. brachyodus (Kunze.) C.Chr.	.25
276	- - - - equestris (Kunze.) C.Chr.	.50
83	- - - - obliterate (Sw.) C.Chr.	.25
97	- - - - falcata (Liebm.) C.Chr.	.25
926	- - - - struthiopteroides C.Chr.	.50
394	Nephrolepis biserrata (Sw.) Schott.	.25
S-28	Lindsaya stricta (Sw.) Dry.	.25
200	- - - horizontalis Hook.	.25
100	- - - falcata Dry.	.25
50	Asplenium cristatum Lam.	.50
211	- - - - Palmeri Maxon.	.50
S-274	- - - - abscissum Willd.	.25
S-273	- - - - dentatum L.	.25
S-277	- - - - semicordatum Raddei	.25
S-52	Hemidictyum marginatum (L.) Presl.	.50
162	blechnum occidentale L.	.25
409	- - - serrulatum Rich.	.25
S-84	Stenochlaena recurvata (Fee.) Liebm.	.50
111	Pityrogramma calomelaena (L.) Link.	.25
S-48	Adiantum wilsoni Hook.	.50
S-276	- - - tetraphyllum Willd.	.25
340	- - - macrophyllum Sw.	.50

7

		Packet \$.C
241	Adiantum	.25
275	- - -	.25
48	- - -	.50
77	- - -	.25
S-18	- - -	.50
96	Pteris	.25
289	- - -	.25
428	- - -	.25
190	Pteridium	.25
258	Hypolepis	.50
250	Hemionitis	.25
S-69	Anetium	.25
47	Polypodium	.25
88	- - - -	.25
349	- - - -	.25
S-46	- - - -	.25
210	- - - -	.25
213	- - - -	.25
233	- - - -	.25
S-80	- - - -	.50
S-265	- - - -	.50
923	- - - -	.25
273	Polybotrya	.50
343	Acrostichum	.25
402	Olfersia	.50
S-268	Elaphoglossum	.50
406	Didymochlaena	.50
272	Tectaria	.50
465	- - -	.50
S-66	- - -	.50
49	Diplazium	.50
526	Leptochilus	.25
228	Dictyoxiphium	.25
S-269	Vittaria	.25
153	- - -	.25
S-270	monogramma	.25
90	Saccoloma	.25
315	- - -	.50
GLEICHENIAEAE. Gleichenia Family		
350	Dicranopteris	.50
SCHIZACACEAE. Curly-Grass Family.		
S-15	Lygodium	.50
328	- - -	.50

		Packet
S-3	Lophidium elegans (Vahl.) Presl.	\$.0
366	Anemia pastnacaria Moritz.	.50
SALVINIACEAE.	Salvinia Family.	.50
157	Salvinia auriculata Aubl.	.25
	FILICALES EUSPORANGIATAE	
	OPHIOGLOSSALES	
	OPHIOGLOSSACEAE. Adders-Tongue Family.	
S-268	Ophioglossum macrorhizum Kze.	.25
	MARATTIALES	
	MARATTIACEAE. Marattia Family.	
422	Danaea nodosa (L.) J.E. Sm.	.50
355	- - - elliptica J.E. Sm.	.50
	HETEROPTERIDOPHYTA	
	LYCOPODIALES	
	LYCOPODIACEAE. Club-Moss Family.	
S-11	Lycopodium linifolium L.	.50
234	- - - cernuum L.	.25
578	- - - carolinianum L.	.25
S-261	Psilotum triquetrum Sw.	.25
	SELAGINELLALES	
	SELAGINELLACEAE. Selaginella Family.	
99	Selaginella cuspidata Link.	.25
51	- - - umbrosa Lem.	.25
52	- - - Galeottii Spreng.	.25
	SPERMATOPHYTA	
	(PHANEROGAMIA)	
	GYMNOSPERMIA	
	CYCADALES	
	CYCADACEAE. Cycas Family.	
S-1	Zamia furfuracea L.f.	100 seeds 4 .00
S-568	- - sp.	5 .00
	CONIFERALES	
	TAXACEAE. Yew Family.	
441	Podocarpus guatemalensis Standl.	1.00
	PINACEAE. Pine Family.	
386	Pinus caribaea Morelet.	1.00

ANGIOSPERMÆ  
MONOCOTYLEDONEÆ  
PANDANALES

TYPHACEAE. Bull-Rush Family.

Typha sp.

Packet  
\$.0  
\$.10

HELOBLIAE

NAIADACEAE. Pondweed Family.

991 Naias guadalupensis (Spreng.) Morong. .25

ALISMACEAE. Water-Plantain Family.

721 Sagittaria lancifolia L. .50

GLUMIFLORAE

ANDROPOGONACEAE. Grass Family.

654 Andropogon bicornis L. .10

897 Ischaemum latifolium (Spreng.) Kunth. .10

ZYPSIACEAE

898 Anthephora hermaphrodite (L.) O. Ktze. .10

TRISTEGINACEAE

983 Arundinella Berteroniana (Schult.) Hitchc. et Chase. .10

791 - - - Deppeana Nees. .10

PANICACEAE

893 Cenchrus echinatus L. .10

899 Digitaria horizontalis Willd. .10

793 Leptocoryphium lanatum (Kunth.) Nees. .10

783 Opliamenus burmannii (Retz.) Beauv. .10

784 Ichnanthus pallens (Sw.) Munro. .10

775 - - - tenius Hitchc. et Chase. .10

884 Panicum pulchellum Raddi. .10

905 - - - laxum Sw. .10

374 - - - fasciculatum Sw. .10

785 Lasiacis procerrima (Hack.) Hitchc. .10

332 - - - divaricata (L.) Hitchc. .10

895 Paspalum conjugatum Berg. .10

883 - - - virgatus L. .10

501 Stenotaphrum secundatum (Walt.) Kuntze. .10

531 Olyra latifolia L. .10

ORYZACEAE. Rice Family.

912 Leersia hexandra Sw. .10

889 Oryza latifolia Desv. .10

## AGROSTIDACEAE

892 *Aristida* *amazonica* Vasey.

.10

## FESTUCACEAE

511	<i>Phragmites</i>	<i>communis</i> Trin	.25
788	<i>Eragrostis</i>	<i>maypurensis</i> (Kunth.) Steud.	.10
907	- - - -	<i>lugens</i> Nees.	.10
888	- - - -	<i>ciliaris</i> (L.) Lk.	.10
894	- - - -	sp.	.10

## CHLORIDACEAE

787	<i>Gymnopogon</i>	<i>spicatus</i> (Spreng.) O. Ktze.	.10
886	<i>Leptochloa</i>	<i>virgata</i> (L.) Beauv.	.10

## CYPERACEAE

919	<i>Bulbostylis</i>	<i>vepillaris</i> (L.) Kunth.	.10
906	<i>Cyperus</i>	<i>haspan</i> L. sub. sp. <i>junovides</i> Lam.	.10
921	- - -	<i>articulatus</i> L.	.25
922	- - -	<i>surinamensis</i> Rottb. forma <i>formosus</i> Vahl.	.10
908	- - -	<i>polystachyus</i> Rottb. forma <i>paniculatus</i> Vahl.	.10
920	- - -	<i>polystachyus</i> Rottb. forma <i>holosericeus</i> (Lk.) Clarke	.10
361	- - -	<i>ferax</i> Rich.	.10
107	- - -	<i>lazulae</i> (L.) Retz.	.10
902	<i>Mariscus</i>	<i>rufus</i> HBK.	.10
589	- - -	<i>jamaiicensis</i> (Crantz.) Britton.	.10
781	<i>Fuirena</i>	<i>umbellata</i> Rottb.	.10
192	<i>Eleocharis</i>	<i>retroflexa</i> (Poir.) Urban.	.10
903	<i>Fimbristylis</i>	<i>autumnalis</i> (L.) R. et S.	.10
904	- - - -	<i>autumnalis</i> (L.) R. et S. var. <i>complanata</i> Retz.	.10
615	- - - -	<i>spadicea</i> (L.) Vahl.	.10
913	<i>Heleocharis</i>	<i>caribaea</i> (Rottb.) Blake.	.10
786	- - - -	<i>mutata</i> (L.) R. Br.	.10
382	<i>Kyllingia</i>	<i>peruviana</i> Lam.	.10
789	<i>Rhynchospora</i>	<i>triflera</i> Vahl.	.10
901	- - - -	<i>distans</i> (Michx.) Vahl.	.10
790	- - - -	<i>cyperoides</i> Mart.	.10
910	- - - -	<i>barbata</i> (Vahl.) Kunth.	.10
109	- - - -	<i>cephalotes</i> Vahl.	.10
914	- - - -	<i>corymbosa</i> (L.) Britton.	.10
891	<i>Scleria</i>	<i>melaleuca</i> Schl. et Cham.	.10
887	- - -	<i>mitis</i> Berg.	.10
110	<i>Hypolytrum</i>	<i>nicaraguense</i> Liebm.	.10
106	<i>Calyptrocarya</i>	<i>glomerulata</i> (Brong.) Urban.	.10
108	<i>Dichromena</i>	<i>radicans</i> S. et C.	.10
	<i>Remirea</i>	<i>maritima</i> Aubl.	.10

## PRINCIPES

		Seeds Per 100
PALMÆ. Palm Family.		
94	Geonoma longepetiolata Oerst.	\$ 2.00
397	- - - binervia Oerst.	2.00
S-512	Calyptrogyne Donnell-Smithii (Dammier.) Burret.	2.00
92	Chamaedorea Ernestii-Augusti Wendl.	3.00
S-514	- - - - geonomiformis Wendl.	3.00
S-515	- - - - Arenbergiana Wendl.	2.00
392	Asterogyne Martiana Wendl.	3.00
S-369	Reinhardtia gracilior Burret., sp. nov.	5.00
S-370	- - - - latisecta (Wendl.) Burret., comb. nov.	2.00
S-439	Orbignya cohune (Mart.) Dahlgren.	1.00
662	Acrocomia vinifera Oerst.	1.00
S-441	Astrocaryum mexicanum Liebm.	1.00
S-368	Bactris tricaophylla Burret., sp. nov.	2.00
S-367	Schippia concolor Burret., genus. nov. et sp.	8.00
661	Thrinax wendlandiana Becc.	1.00
93	Acoelornaphe wrightii Wendl. var. hondurensis Becc.	1.00
S-443	Sabal mauritiiformis (Karst.) Gris. et Wendl.	1.00
S-442	Acanthorrhiza warscewiczii Wendl.	2.00
300	Synechanthus fibrosus Wendl.	1.00
S-513	Manicaria saccifera Gaertn.	2.00

## SYNANTHÆ

	Packet
CYCLANTHACEÆ. Cyclanthus Family.	
S-8 Carludovica utilis (Oerst.) B. et H.	.75
S-516 - - - - palmata R. et P.	.50

## SPATHIFLORÆ

## ARACEÆ

78	Anthurium scandens (Aubl.) Engl.	.50
S-16	- - - - scoiopendrinum (Han.) Kunth.	.50
S-279	- - - - aemulum Schott.	.75
S-177	- - - - concinnum Schott.	.50
S-192	- - - - myosuroides (A.B.K.) Andl.	.75
S-402	- - - - crassinervium (Jacq.) Schott.	.75
252	Spathiphyllum phryniifolium Schott.	.50
S-126	Monstera acuminata Koch.	.75
S-386	Dieffenbachia seguina (L.) Schott.	.25
545	Philodendron belizensis Standl., sp. nov.	1.00
S-74	- - - - guttiferum Kunth.	.50
S-9	- - - - panamensis Krause.	.75
S-292	- - - - tripartitum (Jacq.) Schott.	.50
S-304	- - - - oxycardium Schott.	.50

MAYACACEAE	FARINOSAE	
S-137 Mayaca	Aubletii Michx.	
XYRIDACEAE. Xyris Family		
S-131 Xyris	subnavicularis Malme.	.10
550 - - -	jupicai Rich.	.10
BROMELIACEAE. Pineapple Family		
98 Aechmea	bracteata (Sw.) Mez.	.50
S-511 - - -	nudicaulis Griseb.	.50
456 Pitcairnia	Hemsleyana Mez.	.50
S-22 Vriesia	disticha (L.) Standl.	.50
S-189 - - -	paniculata (L.) Mez.	.50
S-82 - - -	Schippiae L.B.Smith., sp. nov.	.75
S-132 Catopsis	Berteroniana (Schult.) Mez.	.50
1042 - - -	nitida (Hook.) Griseb.	.25
S-104 Tillandsia	filifolia C. et S.	.50
390 - - -	digitata Mey.	.50
S-10 - - -	streptophylla Schiedw.	.75
S-53 - - -	Balbisiana Schott.	.50
133 - - -	juncea Le. Conte.	.50
114 - - -	bulbosa Hook.	.25
S-455 - - -	vestita Cham. et Schil.	.50
S-82 Guzmania	nicaraguensis Mey. et Baker.	.50
COMMELINACEAE. Spiderwort Family		
1099 Rhoeo	discolor (L'Hér.) Hance.	.50
746 Commelina	elegans HBK.	.10
1089 Campelia	zanonia (L.) HBK.	.10
1125 Dichorisandra	hexandra (Aubl.) Standl.	.50
934 Neodonnellia	grandiflora (Donn.Sm.) Rose.	.75
515 Tradescantia	cumanensis Kunth.	.10
1121 - - -	sp.	.10
1087 - - -	geniculata Jacq.	.10
PONTEDERIACEAE. Pickerel-weed Family		
119 Pontederia	cordata L.	.50
955 - - -	lanceolata Nutt.	.50
499 Eichornia	crassipes (Mart.) Solms.	.50

## LILLIFLORAE

Packet

## LILIACEAE. Lily Family

1012 *Dracaena americana* Donn. Sm. .50

## SMILACACEAE. Sarsaparilla Family

S-487 *Smilax ornata* Lem. .50509 - - - *mexicana* Griseb. .50580 - - - *tomentosa* HBK. .50836 - - - *domingensis* Willd. .501059 - - - *mollis* Willd. .50

## HAEMODORACEAE. Bloodroot Family

207 *Xiphidium caeruleum* Aubl. .50

## AMARYLLIDACEAE. Amaryllis Family

739 *Curculigo scorzonerifolia* (Lam.) Baker. .10

## DIOSCOREACEAE. Yam Family

675 *Dioscorea spiculifera* Hemsl. .251135 - - - *polygonoides* Humb. et Bonpl. .25860 - - - *macrostachya* Benth. .25S-290 - - - *convolvulacea* Cham. et Schil. .25S-410 - - - *esurientium* Uline. .25

## IRIDACEAE. Iris Family

552 *Nemastylis Bequaertii* Standl. .50651 *Cipura paludosa* Aubl. .50

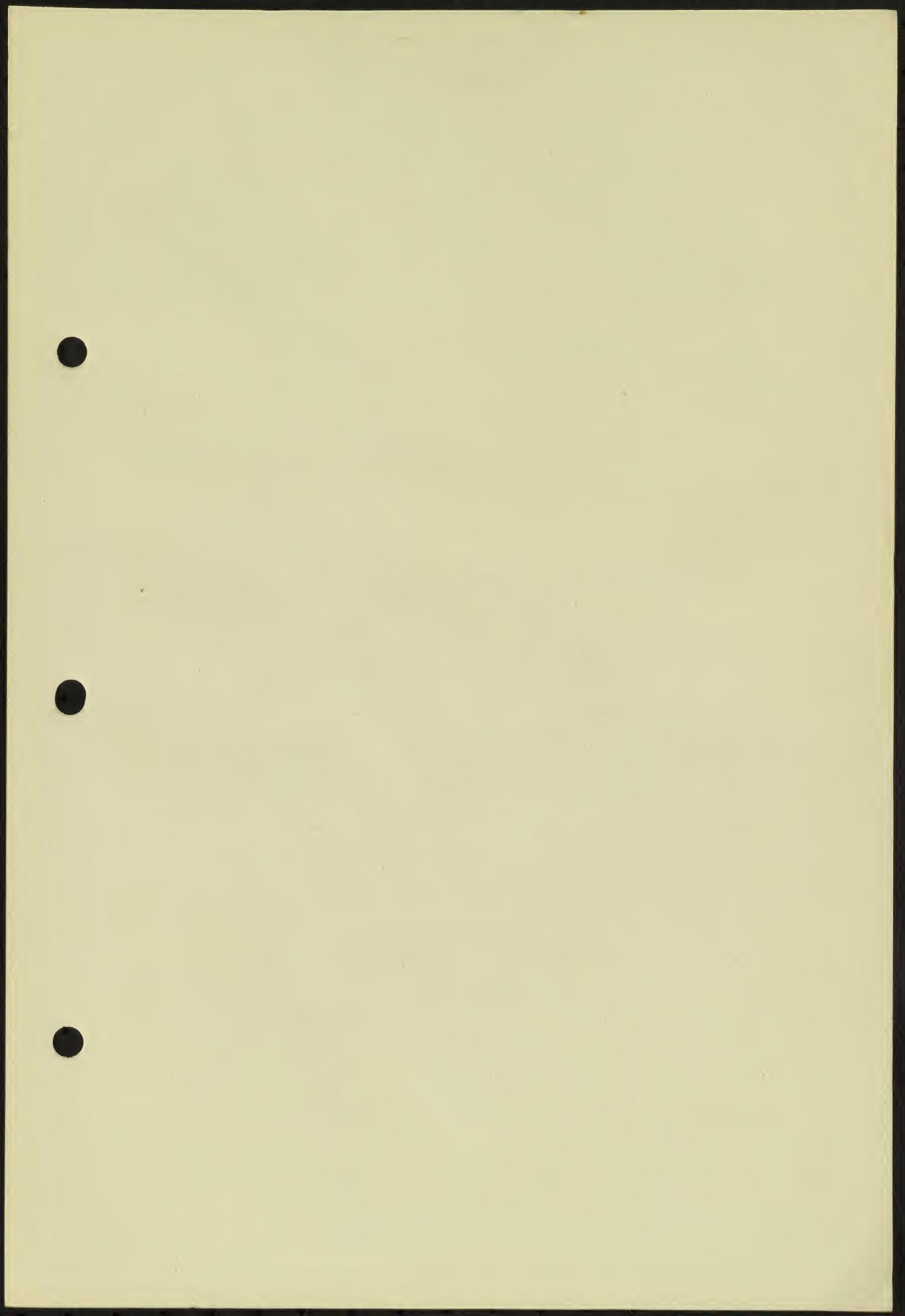
## SCITAMINEAE

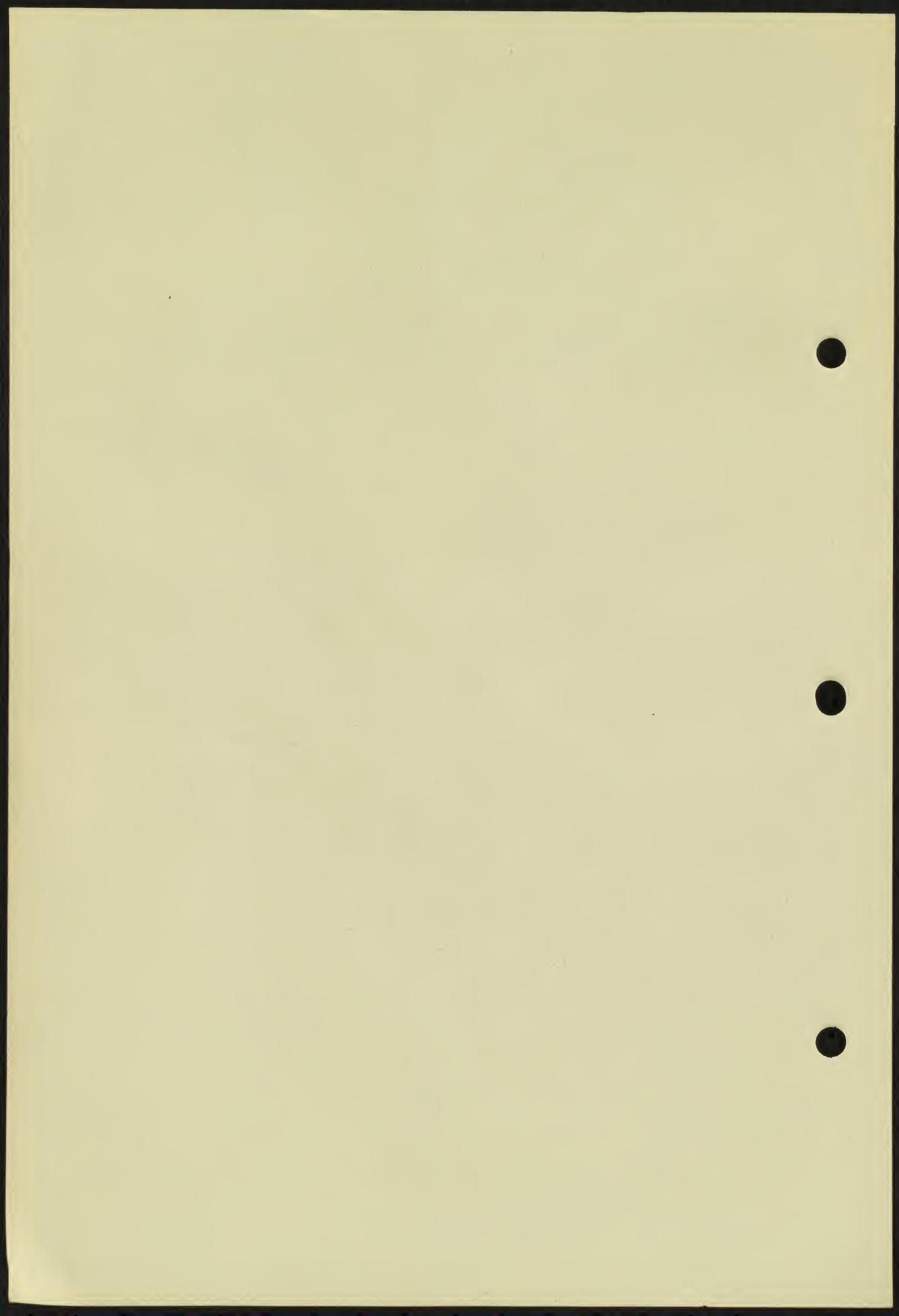
## MUSACEAE. Banana Family

1112 *Heliconia aurantiaca* Ghiesb. .50329 - - - *marginata* (Griggs.) Standl. .50375 - - - *pendula* Wawra. 1.00835 - - - *hirsuta* L.f. var *Cannoidea* (Rich.) Baker. .75979 - - - *Champneiana* Griggs. .50S-413 - - - *Mariae* Hook. 1.00S-414 - - - *Bihai* L. .75357 - - - *acuminata* Rich. .50

## ZINGIBERACEAE. Ginger Family

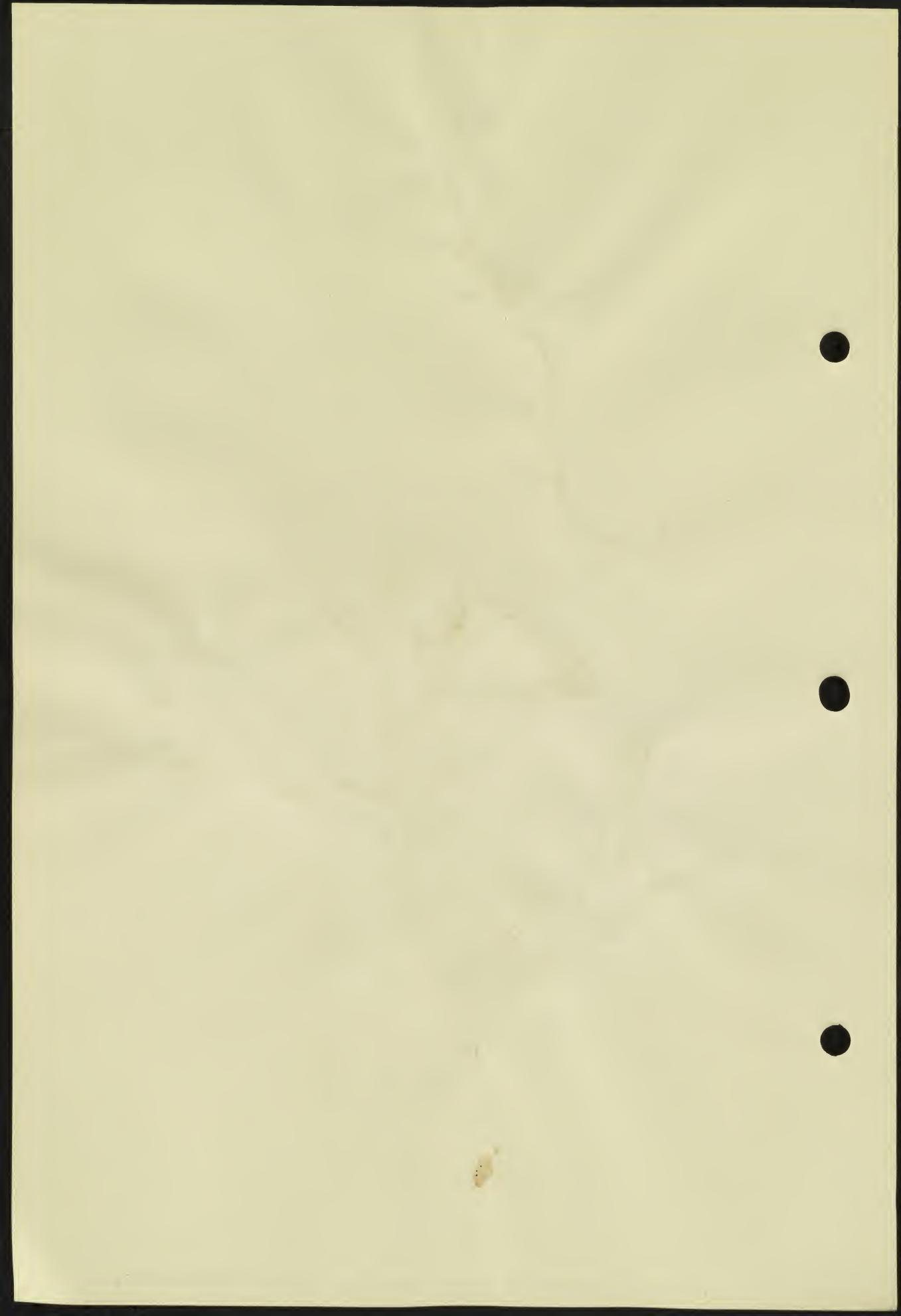
262 *Costus spicatus* (Jacq.) Sw. .50416 - - - *vilosissimum* Jacq. .75







*Naias guadalupensis* (Spreng.) Morong. (Naiadaceae.)



14

Packet  
\$.C  
.25

321 Renealmia aromatica (Aubl.) Griseb.

CANNACEAE. Canna Family

927 Canna	edulis Ker.	.25
S-469 - - -	indica L.	.10

MARANTACEAE. Arrowroot Family

253 Calathea	albicans Brongn.	.25
95 - - -	lutea (Aubl.) Mey.	.75
370 - - -	macrosepala Schum.	.50
331 - - -	sp.	.50
420 Thalia	geniculata L.	.75
587 Maranta	arundinacea L.	.25
1048 Pleiostachya	pruinosa (Regel.) Schum.	.50
305 Myrsma	guapilensis Willd.	.50

BURMANNIACEAE. Burmannia Family

634 Burmannia	capitata L.	.25
481 Dictyostegia	campanulata Karst.	.25
S-508 Gymnosiphon	tenellus (Benth.) Urban.	.25

MICROSPERMÆ

ORCHIDACEAE. Orchid Family

655 Habenaria	repens Nutt.	.10
605 - - -	mesodactyla Griseb.	.10
S-155 - - -	odontopetala R. f.	.25
S-98 Spiranthes	graminea Ldl.	.10
779 Stenorhynchus	squamulosus Fawc. et Rendle.	.25
778 - - -	lanceolatus Fawc. et Rendle.	.25
S-261 Physurus	purpurens Ames.	.10
590 Galeandra	Batemannii Rolfe.	.25
S-86 Polystachya	minor Fawc. et Rendle.	.10
S-73 - - -	luteola Hook.	.10
S-75 Isochilus	linearis R. Br.	.10
776 - - -	sp.	.10
S-96 Epidendrum	floribundum HBK.	.25
S-271 - - -	cochleatum L.	.25
915 - - -	nocturnum Jacq.	.25

		Packet \$.C
S-97	<i>Schomburgkia</i> tibicina Bateman.	.25
623	<i>Brassavola</i> nodosa Lindl.	.25
S-226	<i>Scbralia</i> fragrans Lindl.	.25
S-102	<i>Masdevallia</i> tubuliflora Ames.	.25
918	<i>Pleurothallis</i> marginata Lindl.	.25
S-156	<i>Scaphyglottis</i> cuneata Schltr.	.25
S-82	<i>Bletia</i> alta (L.) Hitchc.	.25
S-171	<i>Eulophia</i> longifolia (Kunth.) Schltr.	.25
S-160	<i>Catasetum</i> integerrinum Hook.	.25
S-138	<i>Maxillaria</i> variabilis Batem.	.25
S-276	- - - Macleei Batem.	.25
971	<i>Ionopsis</i> utricularioides Lindl.	.25
S-79	<i>Oncidium</i> pusillum (L.) Reichnb.	.25
780	- - - sp.	.25
S-81	<i>Hormidium</i> tripterum (Brongn.) Cogn.	.25
S-76	<i>Dichaea</i> sp. aff. <i>D. Tuerckheimii</i> Schlecht.	.25

## DICOTYLEDONEAE

## PIPERALES

## PIPERACEAE, Pepper Family

454	<i>Piper</i> auritum HBK.	.25
477	- - - <i>Donnell-Smithii</i> C. DC.	.25
S-476	- - - <i>micoense</i> Trel.	.25
225	- - - <i>gracillimum</i> Trel.	.50
S-452	- - - <i>atrichopus</i> Trel.	.25
4	- - - <i>multinervium</i> Trel.	.25
S-478	- - - <i>peltatum</i> L.	.25
316	- - - <i>Schippianus</i> Trel., sp. nov.	.50
S-479	- - - <i>umbellatum</i> L.	.25
286	- - - <i>middlesexense</i> Trel., sp. nov.	.50
S-504	- - - <i>hispidiseptum</i> Trel.	.25
532	- - - <i>patulum</i> Bertol.	.25
S-506	- - - <i>yucatanense</i> C. DC.	.25
437	- - - <i>Tuerckheimii</i> C. DC.	.25
1085	- - - <i>Stevensonii</i> Trel.	.25
1005	- - - sp.	.25

1006	Piper	Lundellii Trel.	.50
S-60	Peperomia	glandulosa Trel.	.25
S-491	- - -	pellucida (L.) HBK.	.25
451	- - -	Gollii Trel.	.25
1134	- - -	chucanebana Trel.	.25
S-109	- - -	rotundifolia (L.) HBK.	.25
1062	- - -	sp.	.25
1067	- - -	sp.	.25
1100	- - -	sp.	.25

## LACISTEMACEAE. Lacistema Family

32	Lacistema	aggregatum (Berg.) Rusby.	.50
----	-----------	---------------------------	-----

## MYRICALES

## MYRICACEAE. Sweet Gale Family

562	Myrica	cerifera L.	.50
-----	--------	-------------	-----

## FAGALES

## FAGACEAE. Beech Family

663	Quercus	parviglans Trel.	.50
672	- - -	oleoides C. et S.	.50
209	- - -	oleoides C. et S. var. australis Trel.	.50

## URTICALES

## ULMACEAE. Elm Family

439	Trema	micrantha (L.) Blume.	.50
436	Celtis	iguanaea (Jacq.) Sarg.	.50

## MORACEAE. Mulberry Family

341	Cecropia	mexicana Hemsl.	.50
S-127	Pououma	aspera Trecul.	.50
517	Ficus	colubrinae Standl.	.50
533	- - -	costaricana (Liebm.) Miq.	.50
243	- - -	glabrata HBK.	.50
744	- - -	Hemsleyana Standl.	.50
136	- - -	Oerstediana Miq.	.50
149	- - -	panamensis Standl.	.50

		Packet
398	<i>Ficus</i> <i>radula</i> Willd.	\$.0
334	<i>- - -</i> <i>Schippii</i> Standl., sp. nov.	.50
389	<i>- - -</i> <i>Williamsii</i> Standl.	.75
989	<i>- - -</i> <i>padifolia</i> HBK.	.50
993	<i>- - -</i> <i>lapathifolia</i> (Liebm.) Miq.	.50
1008	<i>- - -</i> <i>Popencei</i> Standl.	.50
1011	<i>- - -</i> <i>involuta</i> (Liebm.) Miq.	.50
1022	<i>- - -</i> <i>laevigata</i> Vahl.	.50
1035	<i>- - -</i> <i>Tuerckheimii</i> Standl.	.50
1050	<i>- - -</i> <i>Donnell-Smithii</i> Standl.	.50
1094	<i>Piratinera</i> <i>Schippii</i> Standl., sp. nov.	1.00
522	<i>Brosimum</i> <i>terrabanum</i> Pittier.	.75
1010	<i>Trophis</i> <i>racemosa</i> (L.) Urban.	.50
1155	<i>Poulsenia</i> <i>armata</i> (Miq.) Standl.	.50
999	<i>Coussapoa</i> <i>oligocephala</i> Donn. Sm.	.50

## URTICACEAE. Nettle Family

518	<i>Pilea</i> <i>pubescens</i> Liebm.	.10
977	<i>- - -</i> <i>microphylla</i> (L.) Liebm.	.10
807	<i>Fleurya</i> <i>aestuans</i> (L.) Gaud.	.10
S-111	<i>Urera</i> <i>baccifera</i> (L.) Gaud.	.10
400	<i>- - -</i> <i>elata</i> (Sw.) Griseb.	.50
869	<i>Myriocarpa</i> <i>obovata</i> Donn. Sm.	.50
1033	<i>- - -</i> <i>heterostachya</i> Donn. Sm.	.50
S-472	<i>- - -</i> <i>yzabalenensis</i> (Donn. Sm.) Killip.	.50

## SANTALES

## LORANTHACEAE. Mistletoe Family.

307	<i>Phoradendron</i> <i>robustissimum</i> Eichl.	.25
62	<i>- - -</i> <i>piperoides</i> (HBK.) Trel.	.25
7	<i>Struthanthus</i> <i>cassythoides</i> Millsp.	.25
1015	<i>Phthirusa</i> <i>pyrifolia</i> (HBK.) Michl.	.25
1039	<i>Psittacanthus</i> <i>calyculatus</i> (DC.) Don.	.25

## OLACACEAE. Olax Family

970	<i>Heisteria</i> <i>Chippiana</i> Standl., sp. nov.	1.00
512	<i>Ximenia</i> <i>americana</i> L.	.50

## BALANOPHORACEAE

1129	Helosis	mexicana Liebm.	.50
------	---------	-----------------	-----

## ARISTOLOCHIALES

## ARISTOLOCHIACEAE. Birthwort Family

S-125	Aristolochia	grandiflora Sw.	.50
384	- - -	maxima L.	.50
75	- - -	Schippiae Standl., sp. nov.	.75
956	- - -	pilosa HBK.	.50
S-415	- - -	Chapmaniana Standl.	.50
S-407	- - -	sp.	.75

## POLYGONALES

## POLYGONACEAE. Buckwheat Family

418	Polygonum	acuminatum HBK.	.10
728	- - -	punctatum Ell.	.10
735	Sphenoclea	zeylanica Gaertn.	.10
453	Coccocloba	Schiediana Lindau.	.50
794	- - -	belizensis Standl.	.50
796	- - -	uvifera (L.) Jacq.	.50

## CENTROSPERMACEAE

## AMARANTHACEAE. Amaranth Family

144	Chamissoa	altissima (Jacq.) HBK.	.50
S-484	Amaranthus	gracilis Desv.	.50
877	Cyathula	achyranthoides (HBK.) Moq.	.10
496	Gomphrena	dispersa Standl.	.10
828	Alternanthera	sessilis (L.) R. Br.	.10
60	Pfaffia	Hockeriana (Hemsl.) Greenm.	.50
72	Iresine	celosia L.	.10
865	- - -	nigra Uline. et Bray.	.50
882	Philoxerus	vermicularis (L.) R. Br.	.10

## NYCTAGINACEAE. Four-O'clock Family

1130	Pisonia	aculeata L.	.50
160	Torrubia	linearibracteata (Heimerl.) Standl.	.50
196	Neea	psychotrioides Donn. Smith.	.50

		Packet \$.C
1075 Neea	acuminatissima Standl.	.50
978 Boerhaavia	coccinea Mill.	.10
<b>BATIDACEAE</b>		
588 Batis	maritima L.	.10
<b>PHYTOLACCACEAE. Pokeweed Family</b>		
125 Phytolacca	rivenoides Kunth. et Bouche.	.25
469 Rivina	humilis L.	.25
426 Petiveria	alliacea L.	.25
286 Microtea	debilis Sw.	.10
<b>AIZOACEAE. Carpetweed Family</b>		
817 Sesuvium	portulacastrum L.	.10
<b>BASELLACEAE. Basella Family</b>		
S-34 Boussingaultia	leptostachys Moq.	.50
<b>RANALES</b>		
<b>NYMPHACEAE. Water-Lily Family</b>		
640 Nymphaea	ampla (Salisb.) DC.	.50
1026 - - -	blanda Meyer.	.50
747 Brasenia	purpurea Michx.	.50
1136 Cabomba	aquatica Aubl.	.50
<b>RANUNCULACEAE. Buttercup Family</b>		
1145 Clematis	dioica L.	.50
<b>MENISPERMACEAE. Moonseed Family</b>		
352 Cissampelos	tropaeolifolia DC.	.50
S-458 Disciphania	coriacea Standl., sp. nov.	1.00
S-390 Hyperbaena	nectandrifolia Standl.	.50
<b>ANNONACEAE. Custard-Apple Family</b>		
599 Annona	glabra L.	.50
968 - - -	testudinea Safford.	.50
298 Guatteria	amplifolia Triana. et Planch.	.50
408 Rollinia	Jimenezii Safford.	.50
202 Xylopia	frutescens Aubl.	.50

974	Cymbopetalum	penduliflorum (Dunal.) Baill.	\$1.00
S-400	Unomopsis	Pittieri Safford.	.50
960	Desmopsis	Schippii Standl., sp. nov.	1.00
1000	Malmea	depressa (Baill.) Fries.	.50

## MYRISTICACEAE. Nutmeg Family

279	Dialyanthera	multiflora Standl., sp. nov.	1.00
475	Virola	brachycarpa Standl., sp. nov.	1.00
949	- - -	merendonis Pittier.	.50
126	Compsoneura	Sprucei (A. DC.) Warb.	.50

## MONIMIACEAE. Monimia Family

73	Mollinedia	guatemalensis Perk.	.50
140	Siparuna	nicaraguensis Hemsl.	.50

## LAURACEAE. Laurel Family

819	Cassytha	filiformis L.	.25
79	Phoebe	belizensis Standl., sp. nov.	1.00
281	- - -	mexicana Meissn.	.50
856	- - -	helicterifolia Mez.	.50
99	Ocotea	cernua (Nees.) Mez.	.50
381	- - -	perseifolia Mez. et Donn. Sm.	.50
571	Nectandra	glabrescens Benth.	.50
164	- - -	membranacea Griseb.	.50
566	- - -	sanguinea Rottb.	.50
990	Misantheca	capitata C. et S.	.50

## RHOEADALES

## CRUCIFERAE. Mustard Family

S-284	Cakile	dentula (Bigel.) Hook.	.10
-------	--------	------------------------	-----

## CAPPARIDACEAE. Caper Family

1150	Crataeva	tapia L.	.50
S-448	Forchammeria	trifoliata Radlk.	.75
1156	Capparis	Tuerckheimii Donn. Sm.	.50

## SARRACENIALES

## DROSERACEAE

539	Drosera	capillaris Poir.	.25
-----	---------	------------------	-----

## ROSALES

Packet  
\$.C

## PODOSTEMONACEAE. Podostemon Family

948 *Marathrum foeniculaceum* Humb. et Bonpl. .50

## AMYGDALACEAE. Almond Family

65	<i>Chrysobalanus</i>	<i>icaco</i> L.	.50
33	<i>Hirtella</i>	<i>americana</i> L.	.50
82	- - -	<i>guatemalensis</i> Standl.	.75
1098	- - -	<i>triandra</i> Sw.	.75
103	<i>Licania</i>	<i>hypoleuca</i> Benth.	.50
308	- - -	<i>platypus</i> (Helms.) Fritsch.	.50
102	- - -	<i>sparsipila</i> Blake.	.50
569	<i>Couepia</i>	<i>dodecandra</i> (DC.) Hemsl.	.50

## CONNARACEAE. Connaris Family

321	<i>Cnestidium</i>	<i>rufescens</i> Planch.	.50
164	<i>Rourea</i>	<i>glabra</i> HBK.	.50
118	<i>Connarus</i>	<i>Lamberti</i> (DC.) Britton.	.50

## LEGUMINOSAE

## MIMOSOIDEAE. Mimosa Family

449	<i>Acacia</i>	<i>glomerosa</i> Benth.	.50
1142	- - -	<i>Hindsii</i> Benth.	.50
1072	- - -	<i>Cookii</i> Safford.	.50
412	<i>Albizzia</i>	<i>idiopoda</i> (Blake.) B. et R.	.50
657	<i>Calliandra</i>	<i>Houstoniana</i> (Mill.) Standl.	.50
369	- - -	<i>confusa</i> Sprague. et Riley.	.50
S-175	- - -	<i>rhodocephala</i> Donn. Sm.	.75
1166	- - -	<i>portoricensis</i> (Jacq.) Benth.	.50
178	<i>Entada</i>	<i>polystachia</i> (L.) DC.	.50
1143	- - -	<i>gigas</i> (L.) Fawc. et Rendle.	.50
380	<i>Inga</i>	<i>xalapensis</i> Benth.	.50
383	- - -	<i>Rhodrigueziana</i> Pittier.	.25
538	- - -	<i>Schippii</i> Standl., sp. nov.	.75
767	- - -	<i>pinetorum</i> Pittier.	.50
24	- - -	<i>belizensis</i> Standl., sp. nov.	.75
295	- - -	<i>edulis</i> Mart.	.25
163	- - -	<i>leptaloba</i> Schlecht.	.25
23	- - -	<i>punctata</i> Willd.	.50

Packet  
 \$ .0

342	Inga	Recordii Britt. et Rose.	.50
704	Mimosa	albida H. et B.	.50
134	- - -	pigra L.	.25
692	- - -	pudica L.	.10
725	- - -	Recordii Britt. et Rose.	.50
691	- - -	somnians H. et B.	.50
S-497	- - -	scalpens Standl., sp. nov.	.75
449	- - -	glomerosa Benth.	.50
1097	- - -	hondurana Britton.	.50
5	Pithecolobium	Donnel-Smithii (B. et R.) Standl.	.50
1024	- - -	macradenium Pittier.	.50
748	- - -	Keyense Britton.	.50
339	- - -	lanceolatum H. et B.	.50
749	- - -	Peckii (Rob.) Standl.	.75
621	- - -	Recordii (B. et R.) Standl.	.50
1113	- - -	belizense Standl.	.50

## CAESALPINIOIDEAE.

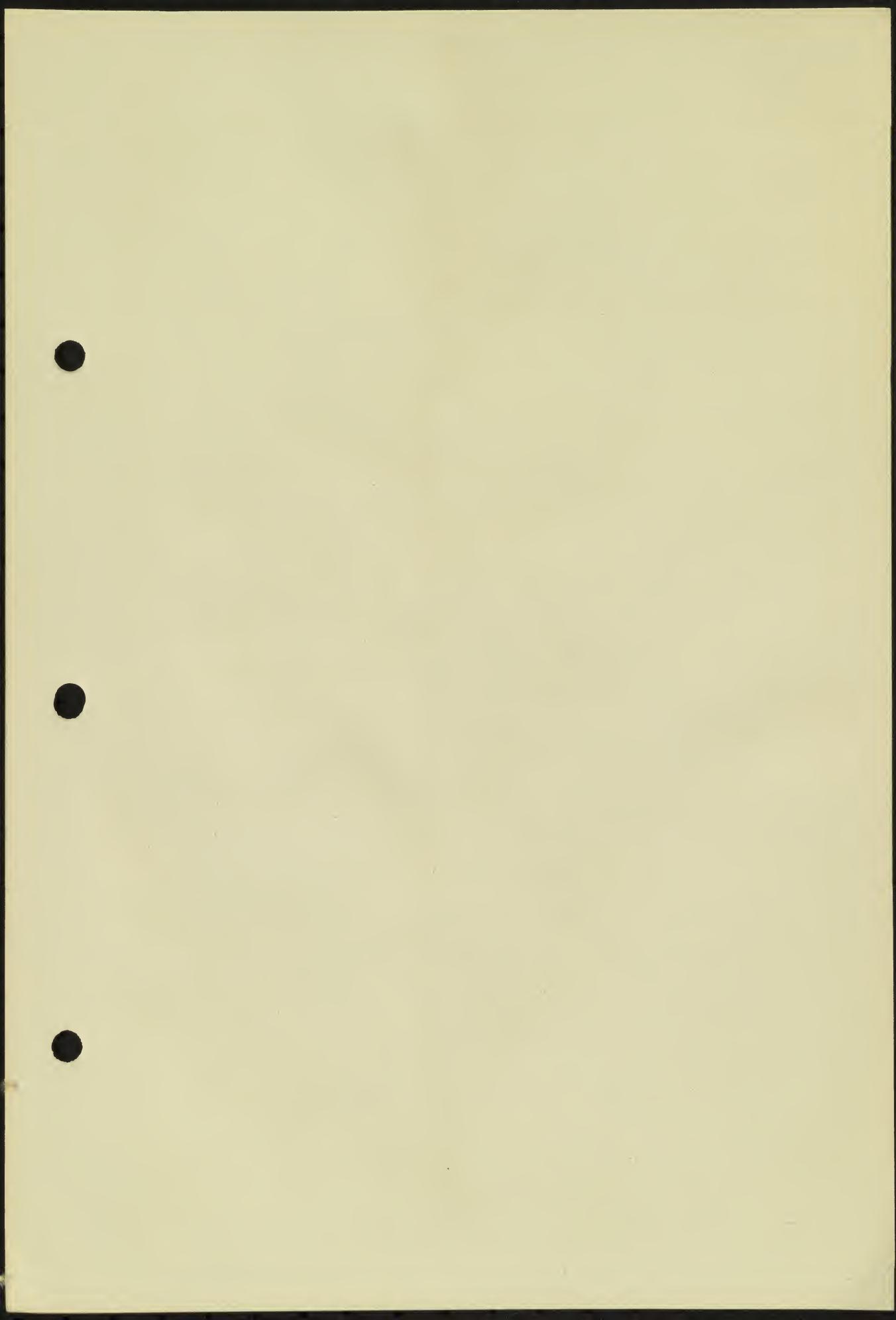
S-144	Caesalpinia	crista L.	.50
1080	- - -	bonduc (L.) Roxb.	.50
720	Cassia	Wilsoni (S. et B.) Standl.	.25
459	- - -	bacillaris L.	.50
1144	- - -	reticulata Willd.	.25
557	- - -	brevipes? Bartlettii Standl., sp. nov.	.25
594	- - -	diphylla L.	.25
637	- - -	flexuosa L.	.25
694	- - -	Killipii Ross.	.50
824	- - -	occidentalis L.	.25
490	- - -	nictitans L.	.25
847	- - -	leiophylla Vog.	.25
638	- - -	tagera L.	.25
6	- - -	undulata Benth.	.50
127	Dialium	divaricatum Vahl.	.50
221	Bauhinia	divaricata L.	.50
1081	- - -	Herrerae (Britt. et Rose.) Standl.	.75

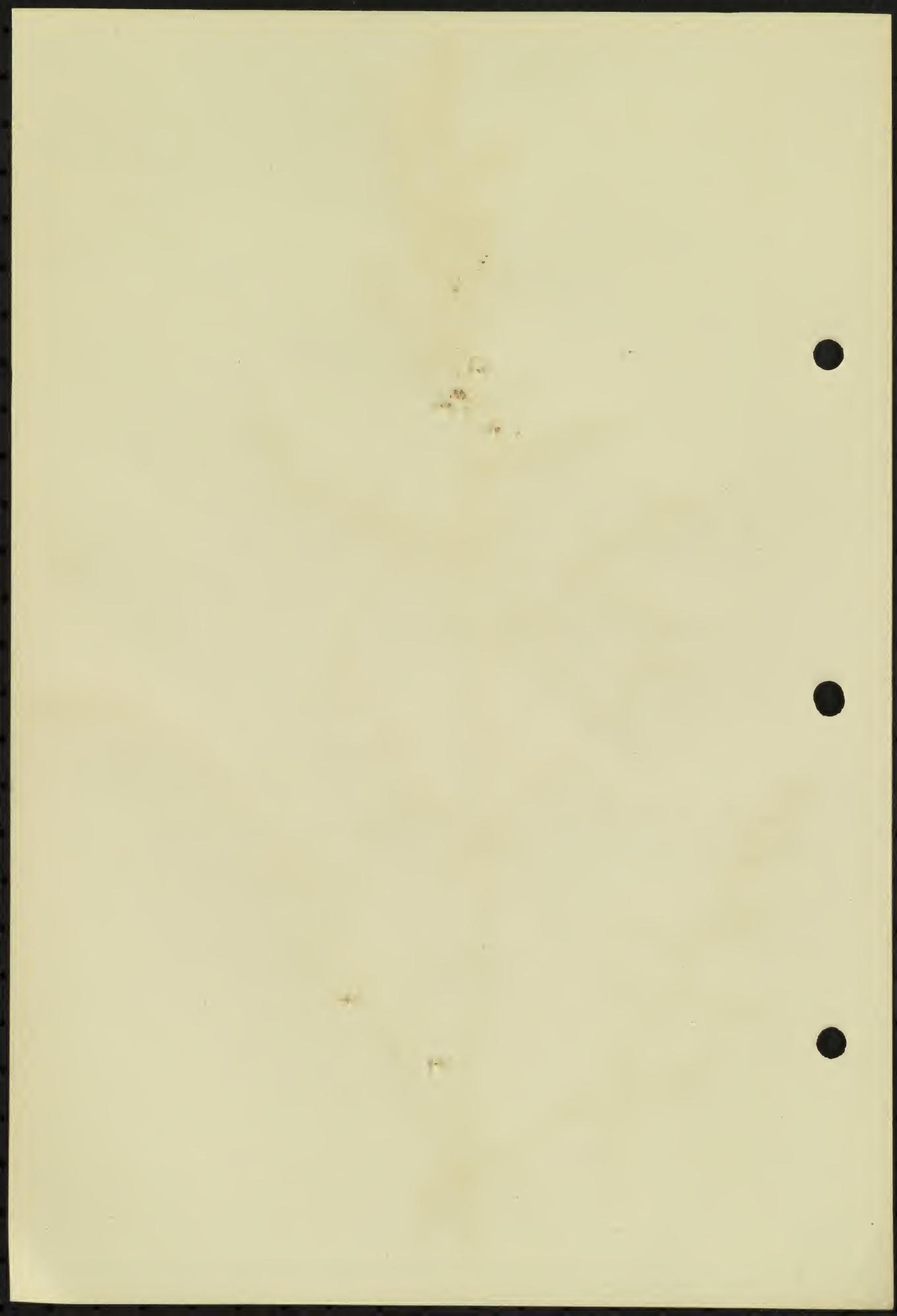
Packet  
\$.6  
.50

705 *Ateleia* *cubensis* Griseb.

PAPILIONATAE

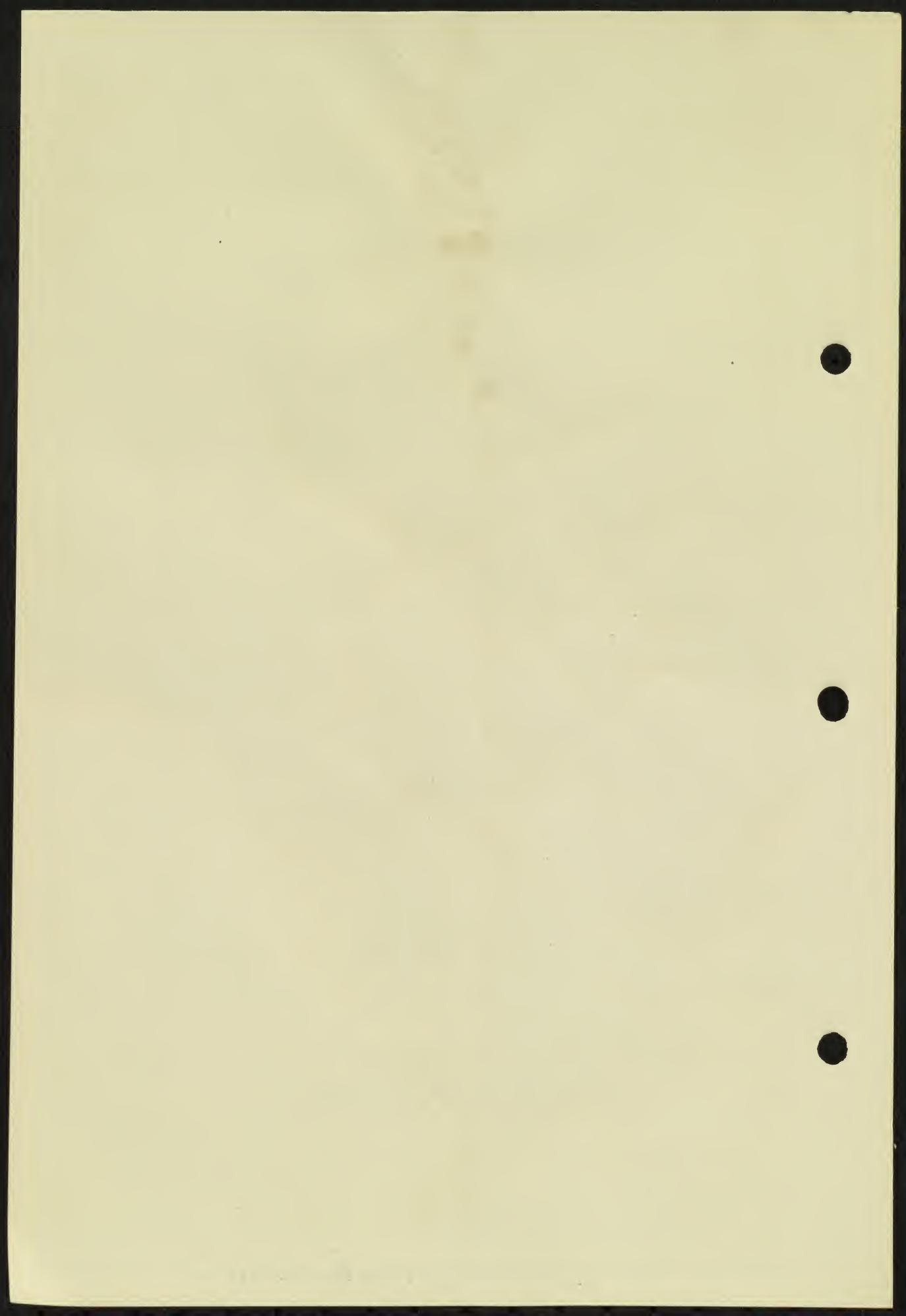
609	<i>Sophora</i>	<i>tomentosa</i> L.	.50
132	<i>Ormosia</i>	<i>coarctata</i> Jacke.	.50
1052	- - -	<i>toledoana</i> Standl., sp. nov.	.75
666	<i>Aeschynomene</i>	<i>americana</i> L.	.10
64	- - -	<i>hispida</i> Sw.	.10
628	- - -	<i>hystryx</i> Poir.	.10
660	- - -	<i>laevis</i> M. et G.	.10
417	<i>Desmodium</i>	<i>adscendens</i> (Sw.) DC.	.10
826	- - -	<i>purpureum</i> (Mill.) Fawc. et Rendle.	.10
489	- - -	<i>barbatum</i> (L.) B. et O.	.10
841	- - -	<i>scorpiurus</i> (Sw.) Desv.	.10
372	- - -	<i>frutescens</i> (Aubl.) Schindl.	.10
702	- - -	<i>triflorum</i> (L.) DC.	.10
950	- - -	<i>axillare</i> (Sw.) DC.	.25
486	<i>Stylosanthes</i>	<i>guianensis</i> (Aubl.) Sw.	.25
516	<i>Zornia</i>	<i>diphylla</i> (L.) Pers.	.10
563	<i>Indigofera</i>	<i>suffruticosa</i> Mill.	.10
488	<i>Abrus</i>	<i>precatorius</i> L.	.10
670	<i>Tephrosia</i>	<i>cathartica</i> (S. et M.) Urban.	.25
685	- - -	<i>littoralis</i> (L.) Pers.	.25
1108	<i>Barbieria</i>	<i>pinnata</i> (Pers.) Baill.	.50
484	<i>Andira</i>	<i>inermis</i> HBK.	.50
1117	<i>Platymiscium</i>	<i>yucatanum</i> Standl.	.75
537	<i>Pterocarpus</i>	<i>officinalis</i> Jacq.	.50
529	- - -	<i>Hayesii</i> Hemsl.	.50
130	<i>Lonchocarpus</i>	<i>guatemalensis</i> M	.50
1120	- - -	<i>amarus</i> Standl., sp. nov.	1.00
301	- - -	<i>latifolius</i> HBK.	.50
646	- - -	<i>hondurensis</i> Benth.	.75
699	- - -	<i>rugosus</i> Benth.	.50
810	<i>Dalbergia</i>	<i>glabra</i> (Mill.) Standl.	.50
626	- - -	<i>ecastophyllum</i> (L.) Taub.	.50
462	- - -	<i>laevigata</i> Standl.	







*Iresine celosia* L. (Amaranthaceae.)



113	Machaerium	Merrillii Standl., sp. nov.	.75
931	- - -	setulosum Pittier.	.50
1091	- - -	rosescens Standl., sp. nov.	.75
493	Crotalaria	mapurensis HBK.	.25
816	- - -	retusa L.	.10
548	- - -	sagittalis L.	.10
935	Erythrina	rubrinervia HBK.	.50
131	Mucuna	Andreana Micheli.	.25
S-294	- - -	Sloanei Fawc. et Rendle.	.25
601	Eriosema	diffusum (HBK.) Don.	.25
584	- - -	pinetorum Standl., sp. nov.	.25
772	- - -	pulchellum (HBK.) Don.	.25
573	Clitoria	rubiginosa Juss.	.25
506	Canavalia	maritima (Aubl.) Thou.	.25
1153	- - -	mexicana Piper.	.50
S-133	Dioclea	guianensis Benth.	.50
700	- - -	reflexa H. f.	.50
938	Calopogonium	brachycarpum Benth.	.25
940	- - -	coeruleum Benth.	.25
613	Galactia	striata (Jacq.) Urban.	.25
864	Phaseolus	elegans Piper.	.25
729	- - -	gracilis Poepp.	.25
844	- - -	adenanthus Meyer.	.25
620	- - -	hirsutus Mart.	.25
855	- - -	lunatus L.	.25
S-551	- - -	lathyroides L.	.25
718	Pachyrhizus	palmatilobus (M. et S.) B. et H.	.25
502	Vigna	repens (L.) Kuntze.	.25
S-285	- - -	vexillata (L.) A. Rich.	.25
579	Centrosema	angustifolium (HBK.) Benth.	.25
732	- - -	virginiana (L.) Benth.	.25

## GERANIALES

## OXALIDACEAE. Oxalis Family

754	Oxalis	Neesi DC.	.25
208	Biophytum	dendroides (HBK.) DC.	.25

		Packet
	ERYTHROXYLACEAE	Coco. Family
271	Erythroxylum	obovatum Mac. Fad.
1073	- - -	areolatum L.
RUTACEAE. Rue Family		
304	Zanthoxylum	trichilioides Standl.
S-450	- - -	Kellermannii P. Wilson.
248	Esenbeckia	pentaphylla (Macfad.) Griseb.
SIMAROUBACEAE. Quassia Family		
870	Quassia	amara L.
1078	Picramnia	antidesma Sw.
123	Simaruba	glauca DC.
500	Suriana	maritima L.
BURSERACEAE. Bursera Family		
151	Bursera	simaruba (Jack.) Sarg.
861	Tetragastris	Stevensonii Standl.
229	Protium	sp.
1021	- - -	copal (S. et C.) Engl.
973	- - -	sessiliflorum (Rose.) Standl.
1038	- - -	costaricense (Kuntze.) Knobl.
MELIACEAE. Mahogany Family		
S-136	Trichilia	havanensis Sprague.
1016	- - -	montana HBK.
414	Guarea	excelsa HBK.
952	- - -	chichon C. DC.
1070	- - -	guara (Jacq.) P. Wilson.
MALPIGHIACEAE. Malpighia Family		
176	Byrsonima	crassifolia (L.) HBK.
1030	Malpighia	glabra L.
802	Bunchosia	nitida (Jacq.) DC.
S-293	- - -	sp.
21	Tetrapteris	Behiedeana S. et C.
1147	- - -	glabrifolia (Griseb.) Small.
448	Heteropteris	Beecheyana Juss.
818	- - -	brachyptera Standl., sp. nov.

143	Heteropteris	laurifolia (L.) Juss.	
1105	Hiraea	facifolia (DC.) Juss.	.50
1138	- - -	smilacina Standl.	.50
S- 447	- - -	borealis Ndzu.	.50
880	Stigmaphyllon	ciliatum (Lam.) Juss.	.50
S-456	- - -	mucronatum (DC.) Juss.	.50
468	- - -	Lindenianum Juss.	.50

## VOCHysiACEAE. Vochysia Family

158	Vochysia	hondurensis Sprague.	.75
-----	----------	----------------------	-----

## POLYGALACEAE. Milkwort Family

602	Polygala	adenophora DC.	.10
554	- - -	longicaulis HBK.	.10
752	- - -	paniculata L.	.10
822	- - -	aparinoides H. et A.	.10
553	- - -	timoutou Aubl.	.10
74	Securidaca	diversifolia (L.) Blake.	.25
697	Bredemeyera	lucida (Benth.) Benn.	.50

## EUPHORBIACEAE. Spurge Family

667	Euphorbia	buxifolia L.	.10
859	- - -	thymifolia L.	.10
463	- - -	heterophylla L.	.10
S-142	- - -	hyssopifolia L.	.10
S-481	- - -	hirta L.	.10
929	- - -	trichotoma HBK.	.10
S-490	Phyllanthus	lathyroides HBK.	.10
541	Hieronyma	alchorneoides Allem.	.50
592	- - -	oblonga (Tul.) Muell.	.50
189	Dalechampia	Schottii Greenm.	.25
1084	- - -	tiliifolia Lam.	.50
S-140	- - -	scandens L.	.25
S-181	- - -	Schippia Standl., sp. nov.	.75
S-191	Jatropha	urens L.	.25
35	Croton	glabellus L.	.25

		Packet
		\$.C
766	Croton lobatus L.	.10
616	- - - punctatus Jacq.	.25
205	- - - pyramidalis Donn. Smith.	.25
1020	- - - tragicoides Blake.	.10
805	Caperonia palustris (L.) St.Hil.	.10
141	Adelia barbinervis S.et C.	.50
S-45	Acalypha chlorocardia Standl., sp. nov.	.50
1	- - - macrostachya Jacq.	.25
129	- - - diversifolia Jacq.	.25
212	- - - arvensis P.et E.	.10
1041	- - - costaricensis (Kuntze.) Knobl.	.50
112	Alchornia latifolia Sw.	.50
156	Plukenetia angustifolia Standl., sp. nov.	.25
201	Pera barbellata Standl., sp. nov.	.50
1018	Sebastiania longicuspis Standl., sp. nov.	.75
1114	Mabea occidentalis Benth.	.50
939	Hippomane mancinella L.	.50
1049	Sapium jamaicense Sw.	.50
1188	Hampea euryphylla Standl.	.50

## SAPINDALES

## ANACARDIACEAE. Cashew Family

155	Spondias	mombin L.	.50
758	Anacardium	occidentale L.	.50

## AQUIFOLIACEAE. Holly Family

507	Ilex	panamensis Standl.	.50
-----	------	--------------------	-----

## CELASTRACEAE. Bittersweet Family

1014	Maytenus	Reissekii Urban.	.50
447	Rhacomia	eucymosa (Loes.et Pitt.) Standl., com. nov.	.50

## ICACINACEAE. Icacina Family

S-446	Calatola	laevigata Standl.	.75
-------	----------	-------------------	-----

## HIPPOCRATEACEAE

S-91	Hippocratea	celastroides	.50
------	-------------	--------------	-----

Packet  
 \$.0  
 .50

199 Hippocratea	yucatana Standl.	.50
128 Salacia	belizensis Standl., sp. nov.	.75

## SAPINDACEAE. Soapberry Family

71 Serjania	atrolineata Sauv. et Wright.	.25
1104 - - -	scatens Radlk.	.25
86 Paullinia	costata C. et S.	.50
866 - - -	costaricensis Radlk.	.50
435 Allophylus	cominia (L.) Sw.	.50
1115 - - -	longeracemosus Standl.	.50
267 Cupania	auriculata Standl., sp. nov.	.75
1069 - - -	macrophylla A. Rich.	.50
1093 - - -	belizensis Standl.	.50
494 Dodonaea	viscosa Jacq.	.25
S-13 Matayba	apetala (Mac Fad.) Radlk.	.50
1140 - - -	oppositifolia (A. Rich.) Britton.	.50
1122 Sapindus	saponaria L.	.50

## RHAMNALES

## RHAMNACEAE. Buckthorn Family

2 Gouania	polygama (Jacq.) Urban.	.50
S-457 - - -	lupuloides (L.) Urban.	.50

## VITACEAE. Grape Family

289 Vitis	tiliaeefolia HBK.	.50
403 Cissus	rhombifolia Vahl.	.25
405 - - -	sicyoides L.	.25
S-488 - - -	gossypiifolia Standl.	.25

## MALVALES

## ELAEOCARPACEAE. Elaeocarpus Family

323 Sloanea	eriostemon Sprague. et Riley.	.50
-------------	-------------------------------	-----

## TILIACEAE. Linden Family

872 Heliocarpus	mexicanus (Turcz.) Sprague.	.50
833 Triumfetta	Bartramia L.	.10

		Packet \$.C
868	Triumfetta lappula L.	.10
716	Corchorus siliquosus L.	.10
8	Belotia Campbellii Sprague.	.50
586	Luehea speciosa Willd.	.50
1119 - - -	Seemannii Triana, et Plach.	.50

## MALVACEAE. Mallow Family

S-152	Hibiscus furcellatus Lam.	.25
939 - - -	bifurcatus Cav.	.25
404 - - -	costatus Rich.	.25
S-188 - - -	abelmoschus L.	.25
505	Thespesia populnea (L.) Soland.	.25
733	Wissadula excelsior (Cav.) Presl.	.25
650	Sida linifolia Juss.	.10
852 - - -	acuta Burm.	.10
722 - - -	rhombiflorus HBK.	.10
850	Urena lobata L.	.10
708	Malvaviscus grandiflorus HBK.	.25
570	Pavonia rosea Schlecht.	.10
635 - - -	spicata Cav.	.10

## BOMBACACEAE. Bombax Family

430	Pachira aquatica	.10
407	Quararibea funebris (Llave.) Standl.	.50
139	Ochroma limonensis Rowlee.	.50

## STERCULIACEAE. Sterculia Family

458	Buettneria aculeata Jacq.	.25
419	Theobroma cacao L.	.50
582	Helicteres guazumifolia HBK.	.50
433	Guazuma ulmifolia Lam.	.50
504	Waltheria americana L.	.10
549	Melochia hirsuta Cav.	.10

## PARIETALES

## DILLENIACEAE. Dillenia Family

9	Davilla Kunthii St.Hil.	.25
---	-------------------------	-----

483	Tetracera	sessiliflora Tr. et Pl.	\$.00
420	Doliocarpus	dentatus (Aubl.) Standl.	.50
765	Curatella	americana L.	.50
ACTINIDIACEAE. Actinidia Family			
236	Saurauia	pauciserrata Hemsl.	.50
Ochnaceae. Ochna Family			
193	Ouratea	nitida (Sw.) Engl.	.50
S-468	- - -	stenobotrys Riley.	.50
S-184	Sauvagesia	tenella Lam.	.10
649	- - -	erecta L.	.25
MARCGRAVIACEAE. Marcgravia Family			
476	Marcgravia	nepenthoides Seem.	.75
514	Souroubea	gianensis Aubl.	.75
THEACEAE. Tea Family			
556	Ternstroemia	tepezapote Schlecht. et Cham.	.50
344	- - -	oocarpa (Rose.) Melch.	.50
455	Euya	lancifolia Standl., sp. nov.	.75
GUTTIFERAE. Mangosteen Family			
391	Clusia	Salvinii D. Smith.	.50
503	- - -	minor L.	.50
1045	- - -	mexicana Vesque.	.50
S-105	- - -	flava Jacq.	.50
1004	- - -	rosea L.	.50
434	Calophyllum	brasiliense Camb. var. Rekoi Standl.	.50
524	Rheedia	edulis Tr. et Pl.	.50
466	Sympodia	globulifera L.f.	.75
HYPERICACEAE. St. John'swort Family			
278	Vismia	latifolia Choisy.	.25
177	- - -	ferruginea HBK.	.25
BIXACEAE. Anatto Family			
	Bixa	orellana L.	.25

COCHLOSPERMACEAE. Poroporo Family		
45	Cochlospermum vitifolium (Willd.) Spreng.	.50
VIOLACEAE. Violet Family		
55	Rinorea densiflora Bartlett.	.25
854	- - - guatemalensis (Wats.) Bartlett.	.25
1132	Amphirrhox subsessilis Standl., sp. nov.	1.00
FLACOURTIACEAE. Flacourtia Family		
396	Oncoba laurina (Presl.) Warb.	.50
251	Hasseltia mexicana (Gray.) Standl.	.50
567	Zuelania Roussoviae Pittier.	.50
1017	Drypetes Brownii Standl.	.50
263	Casearia arborea (Rich.) Urban.	.50
1139	- - - nitida (L.) Jacq.	.50
837	- - - aculeata Jacq.	.50
165	- - - arguta HBK.	.50
215	- - - javitensis HBK.	.50
67	- - - sylvestris Sw.	.50
TURNERACEAE. Turnera Family		
551	Pirequeta cistoides (L.) Mey.	.10
S-193	Turnera ulmifolia L.	.10
PASSIFLORACEAE. Passionflower Family		
S-93	Passiflora biflora Lam.	.25
1154	- - - gossypiifolia Desv.	.25
803	- - - coriacea Juss.	.25
648	- - - ciliata Ait.	.25
S-143	- - - serratifolia L.	.50
S-395	- - - choconiana Wats.	.50
S-466	- - - ambigua Hemsl.	.50
CARICACEAE. Pawpaw Family		
333	Carica dolichaula Donn. Sm.	.50
982	- - - papaya L.	.25
BEGONIACEAE. Begonia Family		
S-182	Begonia nicaraguensis Standl.	.50

Packet

\$ .0

1111 Begonia	glabra Aubl.	.50
S-449 - - -	heracleifolia Cham. et Schl.	1.00

## OPUNTIALES

## CACTACEAE. Cactus Family

318 Rhipsalis	cassutha Gaertn.	.50
S-23 - - -	coriacea Polak.	.50
371 Epiphyllum	pumilum (Vaupel.) B. et R.	.50
S-176 Cereus	pentagonus L.	.50
S-411 - - -	minutiflorus (Britt. et Rose.) Vaupel.	.50

## MYRTIFLORAE

## LYTHRACEAE. Loosestrife Family

199 Cuphea	calophylla Cham. et Schlecht.	.25
1107 - - -	utriculosa Koehne.	.25
1141 - - -	carthagenaensis (Jacq.) Macbride.	.10
S-492 Rotala	ramosior (L.) Koen.	.10

## LECYTHIDACEAE. Brazilnut Family

1151 Gustavia	integrifolia Standl.	1.00
---------------	----------------------	------

## RHIZOPHORACEAE. Mangrove Family

510 Rhizophora	mangle L.	.25
254 Cassipourea	elliptica Poir.	.25
322 - - -	podantha Standl.	.50

## COMBRETACEAE. Combretum Family

492 Conocarpus	erecta L.	.25
769 Terminalia	excelsa Liebm.	.50
498 - - -	catappa L.	.50
759 Bucida	buceras L.	.50
358 Laguncularia	racemosa (L.) Gaertn.	.50
87 Combretum	cacoucia Exell.	1.00
36 - - -	farinosum HBK.	.75
356 - - -	mexicanum H. et B.	.50

Packet

\$ .C

## MYRTACEAE. Myrtle Family

596	Psidium	chrysobalanoides Standl., sp. nov.	1.50
S-99	- - -	hypoglaucum Standl., sp. nov.	1.50
S-85	- - -	rotundifolium Standl., sp. nov.	1.50
595	- - -	Schippii Standl., sp. nov.	1.50
249	Eugenia	axillaris (Sw.) Willd.	.25
153	- - -	biflora DC.	.25
485	- - -	Fadyenii Krug. et Urb.	.50
438	- - -	flavifolia Standl., sp. nov.	.75
427	- - -	mayana Standl.	.50
669	- - -	Schippii Standl., sp. nov.	.75
1090	- - -	capuli (Schl. et Cham.) Berg.	.50
642	Calyptranthes	Millspaughii Urban.	.50

## MELASTOMACEAE. Melastoma Family

317	Arthrostemma	fragile Lindl.	.25
639	Acisanthera	quadrata Juss.	.25
677	- - -	Bartlettii Gleason.	.25
707	- - -	trivialis (Vahl.) Cogn.	.25
46	Aciotis	paludosa Triana.	.10
29	Nepsera	aquatica (Wubl.) Naud.	.25
652	Pterolepis	pumila (DC.) Cogn.	.10
706	Tibouchina	longifolia (Vahl.) Cogn.	.50
S-496	Topobea	calycularis Naud.	.50
18	Leandra	mexicana Cogn.	.50
471	- - -	costaricensis Cogn.	.50
63	Conostegia	caelestis Standl., sp. nov.	.50
145	- - -	subhirsuta DC.	.50
17	- - -	xalapensis (Bonpl.) Don.	.25
546	Miconia	albicans Triana.	.25
58	- - -	amplexans (Cruegar.) Triana.	.50
41	- - -	argentea Sw.	.25
150	- - -	astroplocana Donn. Sm.	.50
395	- - -	belizensis Standl., sp. nov.	.75
27	- - -	chrysophylla (L. Rich.) Urban.	.50

		\$.	Packet
27	<i>Miconia</i>		
244	<i>chrysophylla</i> (L.Rich.) Urban.	.50	
-	<i>dodecandra</i> Cogn.	.75	
302	<i>glaberrima</i> Naud.	.25	
40	<i>habrolepis</i> Standl., sp. nov.	.75	
186	<i>hondurensis</i> Donn. Smith.	.25	
159	<i>hyperprasina</i> Naud.	.25	
147	<i>impetiolaris</i> (Sw.) Don.	.50	
377	<i>involucrata</i> Donn. Sm.	.25	
14	<i>lacera</i> Naud.	.25	
182	<i>laevigata</i> DC.	.25	
338	<i>longifolia</i> DC.	.50	
76	<i>Mathaei</i> Naud.	.50	
56	<i>nervosa</i> (Sm.) Triana.	.25	
S-187	<i>ibaguensis</i> Triana.	.25	
43	<i>obovalis</i> Naud.	.25	
467	<i>ochroleuca</i> Standl., sp. nov.	.50	
326	<i>oinocrophylla</i> Donn. Sm.	.50	
232	<i>oligocephala</i> Donn. Sm.	.50	
220	<i>ciliata</i> (L.Rich.) DC.	.25	
519	<i>stenostachya</i> DC.	.25	
1032	<i>Schlimgii</i> Triana.	.25	
S-409	<i>angustispica</i> Blake.	.25	
15	<i>Heterotrichum</i>		
235	<i>Osseaea</i>		
239	<i>micrantha</i> (Sw.) Macfad.	.25	
240	<i>ciliata</i> Cogn.	.25	
264	<i>trichocalyx</i> Pittier.	.25	
388	<i>densiflora</i> Standl.	.50	
59	<i>macrocalyx</i> Standl., sp. nov.	.50	
16	<i>fascicularis</i> (Sw.) Triana.	.25	
30	<i>hirta</i> Don.	.10	
26	<i>capitellata</i> Donn.	.25	
474	<i>dentata</i> Donn.	.25	
80	<i>involucrata</i> DC.	.25	
	<i>laxiflora</i> Schlecht.	.25	

## Packet

## \$ . C

219	Clidemia	neglecta Don.	.25
555	- - -	rubra (Aubl.) Mart.	.25
327	- - -	sp.	.25
320	Maieta	cuneata Standl., sp. nov.	.75
470	- - -	tococoidea Cogn.	.50
319	Bellucia	costaricensis Cogn.	.50
227	Tococa	coracea Moore.	.50
534	Adelobotrys	adscendens Triana.	.50
124	Mouriria	parvifolia Benth.	.50
70	- - -	cypocarpa Standl.	.50

## ONAGRACEAE. Evening-primrose Family

187	Jussiaea	pilosa HBK.	.10
678	- - -	nervosa Poir.	.25
731	- - -	suffruticosa L.	.10
S-185	Oocarpon	torulosum (Arn.) Urban.	.25

## UMBELLIFLORAE

## ARALIACEAE. Ginseng Family

641	Gilibertia	Smithiana Johnston.	.50
681	Didymopanax	mortotoni (Aubl.) Decne. et Planch.	.50
1031	Oreopanax	capitatum (Jacq.) Decne. et Planch.	.50

## UMBELLIFERAE. Parsley Family

808	Eryngium	foetidum L.	.10
829	Hydrocotyle	umbellata L.	.10

## ERICALES

## CLETHRACEAE. White Alder Family

726	Clethra	hondurensis Britton.	.50
443	Schizocardia	belizensis Smith. et Standl., gen. nov. et sp. nov.	.50

## PRIMULALES

## MYRSINACEAE. Myrsine Family

536	Rapanea	guianensis Aubl.	.50
S-121	Parathesis	aeruginosa Standl.	.50
287	- - -	melanostricta (Schil.) Hemsl.	.50

Packet

\$ .0

415	Parathesis	obovata Standl.	.50
S-124	Ardisia	nigropunctata Oerst.	.50
431	- - -	paschalis Donn. Sm.	.50
478	- - -	Donnell-Smithii Mez.	.50
38	- - -	compressa HBK.	.50

## EBENALES

## SAPOTACEAE. Sapodilla Family

303	Chrysophyllum	mexicanum Brandeg.	.50
1157	- - -	cainito L.	.50
577	Achras	zapota L.	.50
440	Calocarpum	mammosum (L.) Pierre.	.75
764	Lucuma	campechiana HBK.	.50
1124	- - -	izabalensis Standl.	.50
1126	- - -	Durlandii Standl.	.50
585	Bumelia	retusa Swartz.	.50
1077	- - -	megaphylla Blake.	.50

## SYMPLOCACEAE. Symplocos Family

116	Symplocos	matinicensis Jacq.	.50
-----	-----------	--------------------	-----

## CONTORTAE

## LOGANIACEAE. Logania Family

285	Strychnos	panamensis Seem. var. hirtiflora Standl.	.50
121	- - -	Peckii Rob.	.50
800	Spigelia	humboldtiana Schl. et Cham.	.10
1066	Cynoctonum	mitreola (L.) Britton.	.10
957	Buddleia	americana L.	.25

## GENTIANACEAE. Gentian Family

S-416	Leiphaimos	simplex (Griseb.) Standl.	.25
S-505	- - -	mexicana (Griseb.) Miq.	.25
S-146	Curtia	tenella (Mart.) Cham.	.10
446	Coutoubea	spicata Aubl.	.25
743	Schultesia	lisianthoides (Griseb.) B. et H.	.10
776	- - -	heterophylla Miq.	.25

## Packet

\$:C
.25
.25
.25

S-147 Schultesia	Stenophylla Mart.
1086 Chelonanthus	alatus (Aubl.) Gilg.

## MENYANTHACEAE. Bogbean Family

617 Limnanthemum	Humboldtianum (HBK.) Griseb.	.50
------------------	------------------------------	-----

## APOCYNACEAE. Dogbane Family

218 Thevetia	nitida (HBK.) DC.	.25
178 Allamanda	cathartica L.	.50
360 Forsteronia	viridescens Blake.	.25
423 Tabernaemontana	arborea Rose.	.50
122 - - -	citrifolia L.	.25
39 - - -	Donnell-Smithii Rose.	.50
168 - - -	Schippii Standl., sp. nov.	.75
411 Stemmadenia	Donnell-Smithii Rose.	.50
653 Malouertia	guatemalensis (Muell.) Standl.	.50
S-7 Prestonia	mexicana (A. DC.) Hemsl.	.25
S-465 - - -	concolor (Blake.) Woodson.	.50
S-388 - - -	macrocarpa Hemsl.	.50
368 Echites	cuspidifera Blake.	.50
48 Rhabdadenia	cordata (Mell.)	.25
376 - - -	paludosa (L.) Miers.	.25
S-25 Odontadenia	speciosa Benth.	.50
S-6 Mandevilla	denticulata Blake.	.25

## ASCLEPIADACEAE. Milkweed Family

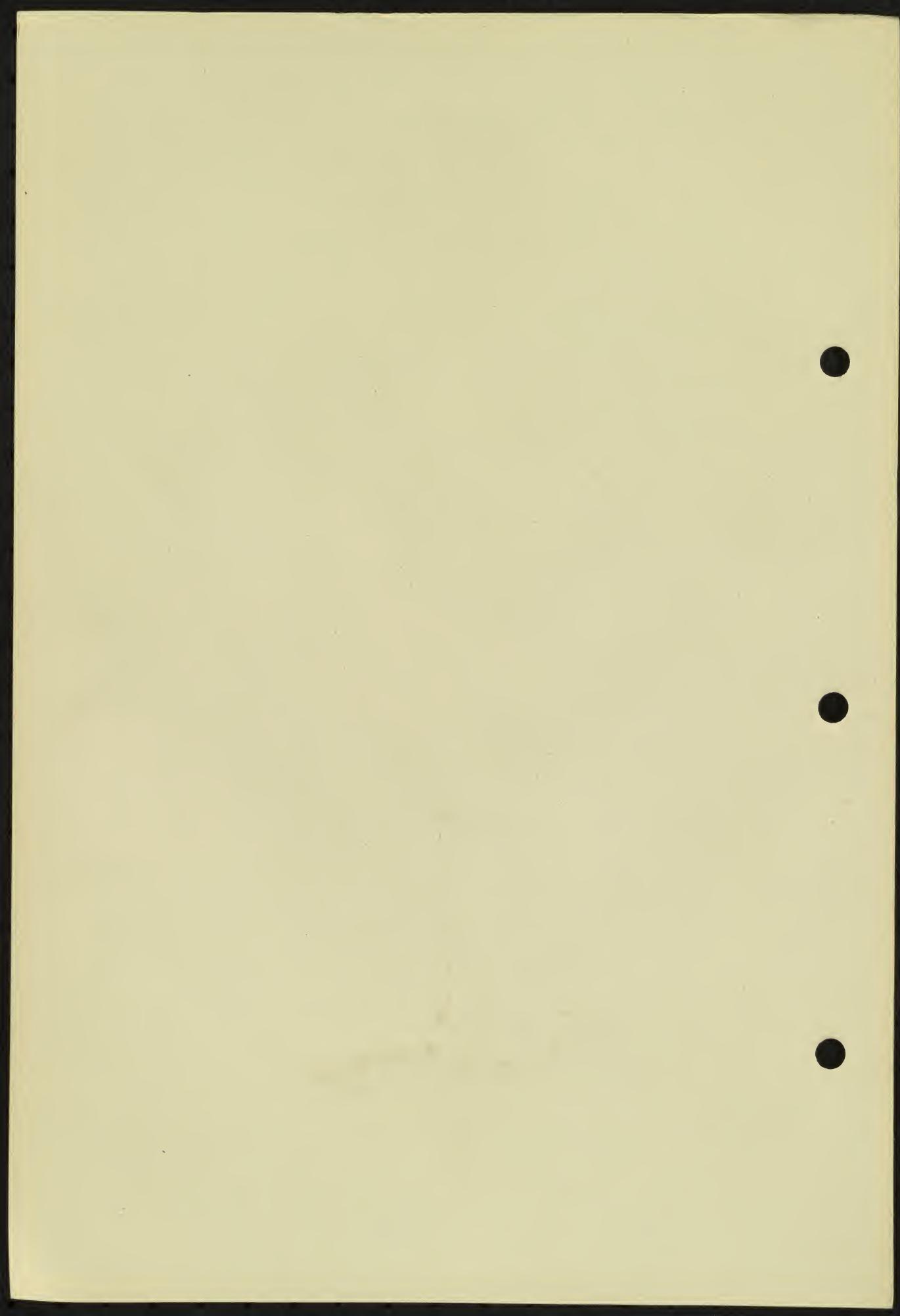
117 Asclepias	curassavica L.	.10
954 Vinetoxicum	macranthum (Kunze.) Standl.	.50
1027 Marsdenia	laxiflora Donn. Sm.	.50
674 Metastelma	pedunculare DCne.	.25
S-27 Blepharodon	mucronatum (Schlect.) DCne.	.25

## TUBIFLORAE

## CONVOLVULACEAE. Morning-glory Family

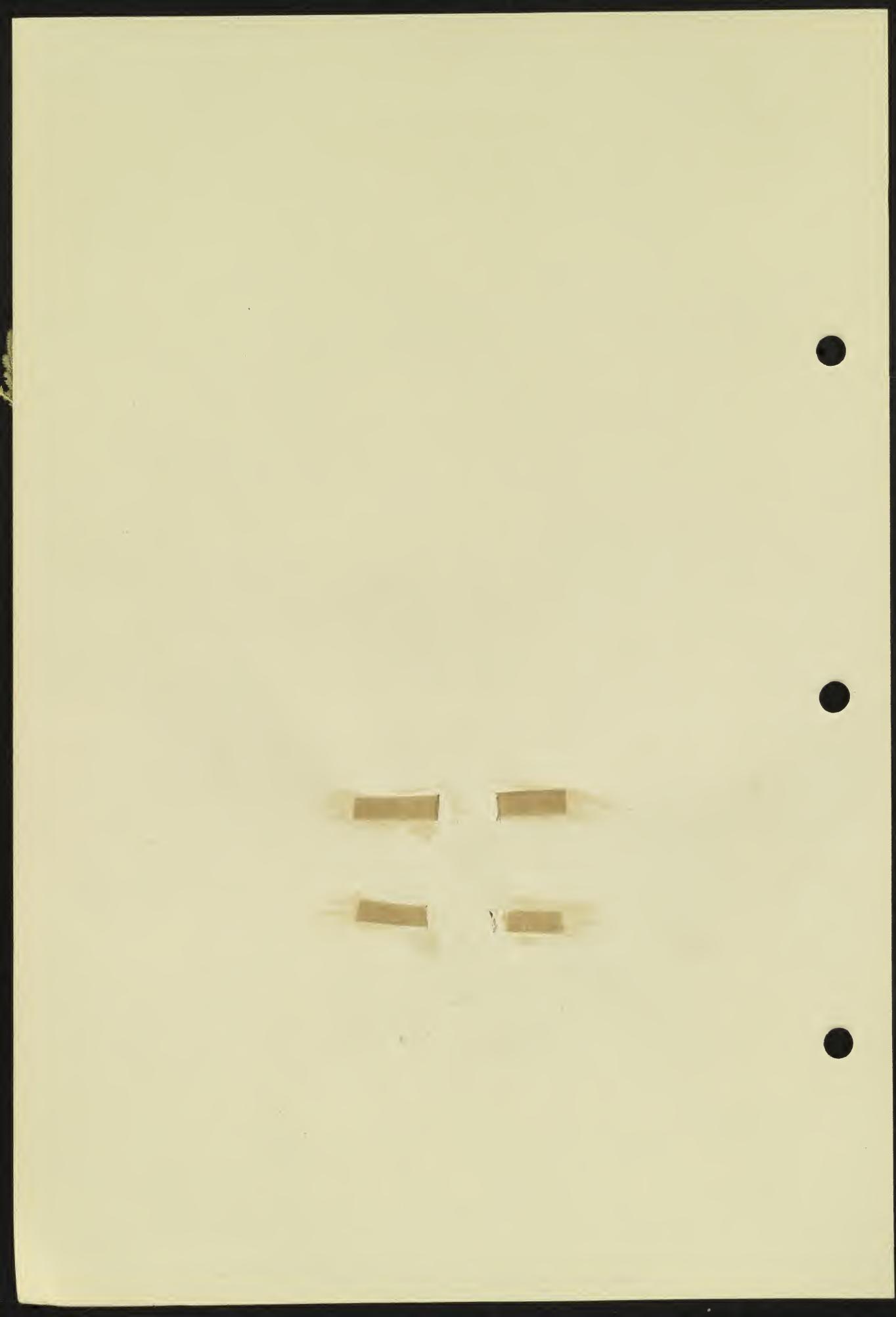
1123 Maripa	nicaraguensis Hemsl.	.50
101 - - -	macrophylla Benth.	.50







*Selaginella umbrosa* Lem. (Selaginellaceae.)



S-288	Rivea	campanulata (L.) House.	
1128	Turbina	corymbosa (L.) Raf.	.50
658	Evolvulus	alsinoides L.	.25
S-151	- - -	sericeus Sw.	.25
387	Jacquemontia	tannifolia (L.) Griseb.	.25
S-145	Aniseia	martinicensis (Jacq.) Choisy.	.25
S-459	Calonyction	aculeatum (L.) House.	.25
1055	Quamoclit	pennata (Desv.) Bojer.	.10
846	Ipomoea	dasyperma Jacq.	.10
547	- - -	aphylla Standl., sp. nov.	.50
495	- - -	callida House.	.10
636	- - -	digitata L.	.25
740	- - -	minutiflora (Mart. et Gal.) House.	.25
830	- - -	cathartica Poir.	.10
624	- - -	pes-caprae (L.) Roth.	.10
878	- - -	setosa Ker. var. campanulata (Hallier.) House.	.50
711	- - -	quinquefolia L.	.25
497	- - -	stolonifera (Cyrill.) Poir.	.10
421	- - -	tuxtlensis House	.25
S-282	- - -	polyanthes R. et S.	.25
S-283	- - -	tiliacea (Willd.) Choisy.	.25

## HYDROPHYLACEAE. Water-leaf Family

561	Hydroleia	spinoso L.	.25
-----	-----------	------------	-----

## BORAGINACEAE. Borage Family

142	Cordia	alliodora (R. et P.) Cham.	.50
184	- - -	bicolor DC.	.50
821	- - -	curassavica (Jacq.) R. et S.	.25
525	- - -	diversifolia Pav.	.25
167	- - -	ferruginea R. et S.	.25
1040	- - -	glabra L.	.50
461	Tournefortia	bicolor Sw.	.25
299	- - -	glabra L.	.25
930	- - -	gnaphaloides (L.) R. Br.	.50

		Packet \$.C
1158	Tournefortia hirsutissima L.	.25
S-92	Heliotropium inundatum Sw.	.10
425	Bourreria oxyphylla Standl.	.50

## VERBENACEAE. Verbena Family

197	Vitex Gaumeri Greenm.	.50
994	- - - Kuylenii Standl.	.50
625	Avicennia nitida Jacq.	.25
216	Aegiphila elata Sw.	.25
1083	- - - monstrosa Moldenke.	.50
727	Petrea arborea HBK. f. albiflora Standl. forma. nov.	.75
268	Citharexylum caudatum L.	.25
265	Cornutia grandifolia (S. et C.) Schauer.	.50
845	Priva lappulacea (L.) Pers	.10
679	Stachytarpheta cayennensis (L. Rich.) Vahl.	.10
838	- - - angustifolia (Mill.) Vahl.	.10
564	Lantana involucrata L.	.25
755	Lippia alba (Mill.) N.E. Br.	.25
576	- - - nodiflora (L.) Michx.	.10
612	Tamonea curassavica (L.) Pers.	.10

## LABIATAE. Mint Family

840	Salvia obscura Benth.	.10
1025	Ocimum micranthum Willd.	.10
618	Marsypianthes chamaedrys (Vahl.) Kuntze.	.10
696	Hyptis savannarum Briq.	.10
688	- - - lantanifolia Poit.	.10
188	- - - verticillata Jacq.	.10
946	- - - pectinata (L.) Poit.	.10

## SOLANACEAE. Nightshade Family

801	Physalis pubescens L.	.10
S 17	Cestrum macrophyllum Vent.	.50
330	- - - nocturnum L.	.25
312	- - - panamense Standl.	.50

		Packet \$.C
966	<i>Capsicum</i> <i>escuintlense</i> (Coul.) Standl.	.25
1076	— — — <i>baccatum</i> L.	.10
175	<i>Solanum</i> <i>diversifolium</i> Schlecht.	.10
842	— — — <i>nigrum</i> L.	.25
171	— — — <i>Houstoni</i> Dunal.	.10
849	— — — <i>lanceifolium</i> Jacq.	.25
429	— — — <i>nudum</i> HBK.	.10
172	— — — <i>salvifolium</i> Lam.	.10
737	— — — <i>asperum</i> L.	.10
964	— — — <i>bicolor</i> Willd.	.10
603	<i>Lycianthus</i> <i>lenta</i> (Cav.) Bitter.	.25
S-303	— — — <i>nitida</i> Bitter.	.25
311	— — — <i>sideroxyloides</i> (Schl.) Bitter.	.25
S-499	— — — <i>vulpina</i> Standl.	.25
686	<i>Schwenckia</i> <i>americana</i> L.	.10
SCROPHULARIACEAE. Figwort Family		
1082	<i>Alectra</i> <i>melampyroides</i> (Rich.) Kuntze.	.25
S-138	<i>Buchnera</i> <i>pusilla</i> HBK.	.10
671	<i>Russelia</i> <i>polyedra</i> Zuc.	.50
750	<i>Angelonia</i> <i>ciliaris</i> Rob.	.25
945	<i>Capraria</i> <i>biflora</i> L.	.10
703	<i>Lysianthes</i> <i>rotundifolia</i> Benth.	.10
873	<i>Vandellia</i> <i>diffusa</i> L.	.10
874	<i>Terenia</i> <i>crustacea</i> (L.) Cham. et Schl.	.10
827	<i>Scoparia</i> <i>dulcis</i> L.	.10
521	<i>Dermatocalyx</i> <i>parviflorus</i> Oerst.	.50
763	<i>Bacopa</i> <i>lacertosa</i> Standl., sp. nov.	.25
610	— — — <i>naias</i> Standl., sp. nov.	.25
724	— — — <i>procumbens</i> (Mill.) Greenm.	.10
992	— — — <i>rotundifolia</i> (Michx.) Wettst.	.10
591	<i>Gerardia</i> <i>albida</i> (Britt. et Penn.) Standl., sp. nov.	.25
614	— — — <i>maritima</i> Raf. var. <i>grandiflora</i> Benth.	.25
BIGNONIACEAE. Bignonia Family		
S-94	<i>Macfadyena</i> <i>uncinata</i> (Mey.) DC.	.50

		Packet
S-61	Amphilophium	\$.0
S-51	Callichlamys	.50
771	Cydista	.50
224	- - -	.50
701	Petastoma	.75
S-297	- - -	1.00
1127	Clytostoma	1.00
347	Paragonia	.75
284	Arrabidaea	1.00
593	- - -	.75
1064	- - -	1.00
S-2	Adenocalymna	.50
645	Enallagma	.50
S-67	- - -	.50
1146	Parmentiera	.75
1133	Jacaranda	1.00
730	Tabebuia	.75
1173	- - -	.75

GESNERIACEAE. Gesneria Family

S-281	Achimenes	.50
S-509	- - -	.50
S-149	Codonanthe	.50
1056	Columnea	.50
1046	Drymonia	.50

LENTIBULARIACEAE. Bladderwort Family

S-89	Utricularia	.50
630	- - -	.50
633	- - -	.50
S-88	- - -	.50
412	- - -	.50
631	- - -	.50
560	- - -	.50
603	- - -	.50

632	Utricularia	Peckii Blake.	.50
367	- - -	pursilla Vahl.	.50
608	- - -	purpurea Walt.	.50
629	- - -	resupinata B.D.Greene.	.50
607	Genlisea	luteoviridis C.Wright.	.50

## ACANTHACEAE. Acanthus Family

961	Mendoncia	belizensis Standl., sp. nov.	1.00
1051	- - -	costaricensis Oerst.	.50
1109	Hygrophila	conferta Nees.	.10
761	Ruellia	geminiflora HBK.	.25
976	- - -	longipila Standl.	.25
37	Aphelandra	depeana S. et C.	.25
1063	- - -	aurantiaca (Scheidw.) Lindl.	.50
S-462	Eranthemum	adenocarpum Blake.	.25
S-135	Lepidagathis	alopecuroides (Nees.) Lindau.	.10
875	Blechum	pyramidalatum (Lam.) Urban.	.10
146	Odontonema	cuspidatum (Nees.) Kuntze.	.50
222	- - -	paniculiferum Blake.	.50
S-278	- - -	geminatum (Donn. Sm.) Blake.	.50
542	Justicia	Peckii Blake.	.25
622	- - -	comata (L.) Lam.	.25
523	Jacobinia	scarlatina Blake.	.50
354	- - -	ensiflora Standl., sp. nov.	.75
1110	Louteridium	Donnell-Smithii Blake.	.75

## RUBIALES

## RUBIACEAE. Madder Family

457	Manettia	coccinea (Aubl.) Willd.	.25
S-129	Geophila	herbacea (L.) Schum.	.10
664	Oldenlandia	herbacea L.	.10
695	Richardia	scabra L.	.10
809	Diodia	maritima Thonn.	.10

		Packet
		\$.C
652 Borreria	latifolia (Aubl.) Schum.	.10
719 - - -	ocimoides (Burm.) DC.	.10
848 - - -	laevis (Lam.) Griseb.	.10
600 - - -	sauveolens Meyer.	.10
812 - - -	verticillata (L.) Meyer.	.25
274 Sabicea	villosa Roem. et Schult. var adpressa Wernham.	.25
1053 Alseis	yucatana Standl.	.50
230 Lindenia	rivalis Benth.	.50
183 Gonzalagunia	panamensis (Cav.) Schum.	.50
105 Hamelia	patens Jacq.	.50
223 - - -	rovirosa Wernham.	.50
44 Bertiera	guianensis Aubl.	.25
530 Posoqueria	latifolia (Aubl.) Schum.	.50
154 Amaioua	corymbosa HBK.	.50
195 Alibertia	pedalis (L. Rich.) A. Rich	.25
S-65 Appunia	guatemalensis Donn. Sm.	.25
S-486 Genipa	caruto HBK.	.50
565 Chiococca	alba (L.) Hitchc.	.50
1058 - - -	pachyphylla Wernham.	.50
184 Morinda	panamensis Seem.	.50
10 Cephaelis	tomentosa (Aubl.) Vahl.	.25
54 - - -	elata Sw.	.50
57 - - -	glomerulata Donn. Sm.	.25
345 Faramea	brachysiphon Standl., sp. nov.	.75
410 - - -	occidentalis (L.) Rich.	.50
574 Guettarda	seleriana (Loes.) Standl.	.50
583 Erythalis	fruticosa L.	.25
1043 Ixora	nicaraguensis Wernham.	.50
S-68 Psychotria	axillaris Willd.	.25
309 - - -	chiapensis Standl.	.25
170 - - -	crebrinervia Standl.	.25
269 - - -	cuspidata Bredem.	.25
204 - - -	graciliflora Benth.	.50

		Packet \$.C.
198	Psychotria	.50
335	- - -	.25
242	- - -	.25
245	- - -	.50
283	- - -	.50
297	- - -	.25
256	- - -	.25
88	- - -	.25
644	- - -	.25
1002	- - -	.50
53	- - -	.25
1013	- - -	.50
S-394	- - -	.25
S-291	- - -	.50
S-489	- - -	.25
604	Palicourea	.50
257	- - -	.50
288	Anisomeris	.25
S-471	Rudgea	.50

## CAMPANULATAE

## CUCURBITACEAE. Gourd Family

S-190	Luffa	.10
S-112	Gurania	.25
S-298	Anguria	.25
393	Cayaponia	.25
S-179	- - -	.25
1054	- - -	.25
S-180	Sicydium	.25
S-485	Momordica	.10

## CAMPANULACEAE. Bellflower Family

173	Isotoma	.10
937	Lobelia	.10

## VERNONIEAE Vernoniea Family.

83	Vernonia	argyropappa Buck.	.50
12	- - -	Schiedea Liss.	.50
S-153	- - -	canescens HBK.	.50
31	- - -	Aschenborniana Schauer.	.50
723	Elephantopus	hypomalacus Blake.	.10
712	Psuedelephantopus	spicatus (Juss.) Rohr.	.10
138	Piptacarpha	chontalensis Baker.	.50

## EUPATORIEAE

513	Mikania	Houstoniana (L.) Robinson.	.50
487	- - -	micrantha HBK.	.25
745	- - -	punctata Klatt.	.50
137	Eupatorium	albicaule (Schl.) Bip.	.50
3	- - - -	Billbergianum Beurl.	.50
401	- - - -	macrophyllum L.	.25
69	- - - -	odcratum L.	.25
S-287	- - - -	morifolium Mill.	.50
1096	- - - -	Oerstedianum Benth.	.50
611	Ageratum	elliptica Robinson.	.25
739	- - - -	tomentosum (Benth.) Hemsl.	.25
20	Neurolaena	lobata (L.) R.Br.	.25
290	Schistocarpha	paniculata Klatt.	.25
933	- - - -	oppositifolia (Kuntze.) Rydl.	.25

## ASTERAEAE Aster Family.

166	Baccharis	trinervis (Lam.) Pers.	.50
815	Erigeron	pusillus Nutt.	.10
181	- - -	spathulatus Vahl.	.10

## INULEAE

527	Gnaphalium	attenuatum DC.	.25
762	Pluchea	odorata Cass.	.50
619	- - -	purpurescens (Sw.) DC.	.25

## HELIANTHEAE Sunflower Family.

804	Polymnia	maculata Cav.	.50
500	Bidens	squarrosa HBK.	.50
936	- - -	pilosa L.	.10
757	Calea	uticifolia (Mill.) DC.	.25
773	- -	Peckii Rob.	.25
558	- -	longipedicellata Rob. et Greenm.	.25
280	- -	trichotoma Donn. Sm.	.25

		Packet
179	McIipta alba (L.) Hassk.	\$.0
981	Spilanthes americana (Mutis.) Hieron.	.10
1116	Zexmenia serrata Llave.	.50
867	Goldmanella sarmentosa Greenm.	.25
599	Wedelia acapulcensis HBK.	.10
689	- - - triloba (L.) Hitchc.	.10
282	Melanthera aspera (Jacq.) Rich.	.10
643	Elvira biflora (L.) Cass.	.10
13	Clibadium arboreum Donn. Sm.	.25
972	- - - polygynum Blake.	.25
871	Montanoa pauciflora Klatt.	.50
479	Verbesina lanata Greenm.	1.00
<b>HELENOIDEAE</b>		
673	Pectis Schottii (Fern.) Phillip. et Chase.	.10
831	- - - prostrata Cav.	.10
<b>CONVOLVULACEAE</b>		
684	Emilia sagittata (Vahl.) DC.	.10
<b>MUTISIEAE</b>		
1131	Chaptalia nutans (L.) Polak.	.10
<b>CYNAREAE</b>		
260	Cirsium mexicanum DC.	.25
	.....	

BEAUTIFUL FLOWERING TREES

In the foregoing list Subscribers will find some of the most gorgeous flowering trees to be seen in the Central American forests. I have given the height in feet; also the colour of the flowers. All of those catalogued under this heading are ideal for street, and avenue planting, in Tropical and Subtropical countries.

		Height.	Colour.	Packet
126	Compsoneura	Sprucei	50ft.	yellow .50
449	Acacia	glomerosa	70	white .50
538	Inga	Schippii	40	white .75
24	-	belizensis	40	white .75
537	Pterocarpus	officinalis	60	yellow .50
529	-	Hayesii	60	Orange .50
1117	Platymiscium	yucatanum	80	yellow .75
795	Piscidia	communis	60	pink .50
130	Lonchocarpus	guatemalensis	60	pink & dark rose .50
1120	-	amarus	100	rose & purple 1.00
646	-	hondurensis	50	purple .75
484	Andira	inermis	60	dark red .50
876	Schizolobium	parahybum	80	canary yellow .50
176	Byrsonima	crassifolia	35	yellow & reddish orange .50
158	Vochysia	hondurensis	80	orange .75
267	Cupania	auriculata	35	creamy white .75
8	Belotia	Campbellii	50	pink .50
1119	Luehea	Seemannii	100	cream .50
466	Symphonia	globulifera	60	deep red .75
45	Cochlospermum	vitifolium	40	yellow .50
27	Miconia	chrysophylla	35	white .50
244	-	dodecandra	35	white purple stamens .75
40	-	habrolepis	40	white .75
41	-	argentea	40	white .50
726	Clethra	hondurensis	40	white .50
443	Schizocardia	belizensis	60	pink 1.50
423	Tabernaemontana	arborea	50	white .50
168	-	Schippii	40	white 1.00
197	Vitex	Gaumeri	60	blue .50
425	Bourreria	oxyphylla	40	white .50
142	Cordia	alliodora	50	white .50
1133	Jacaranda	copaia	80	light blue 1.00
730	Tabebuia	pentaphylla	80	pink .75
1173	-	chrysantha	80	yellow .75
530	Posequeria	latifolia	50	white .50
479	Verbesina	lanata	35	white 1.00

FOLIAGE TREES SUITABLE FOR STREET PLANTING

While the trees in this section are not noteworthy for brightly hued flowers, still quite a number are to be recommended for their economic value. The majority are highly suitable where shade is the main feature to be considered.

			Height	Colour	Packet
663	Quercus	oleoides	50ft.	cream	\$.50
209	- - -	var. australis	50	cream	\$.50
1094	Piratinera	Schippii	40	yellow	1.00
974	Cymbopetalum	penduliflorum	50	green	1.00
408	Rehnia	Jimenezii	40	cream	\$.50
475	Virola	brachycarpa	50	yellow	1.00
949	" - -	merendonis	80	cream	\$.50
1170	Pimento	officinalis	40	cream	\$.50
79	Phoebe	belizensis	40	cream	1.00
281	- - -	mexicana	50	white	\$.50
571	Nectandra	glabrescens	50	cream	\$.50
164	- - - -	membranacea	50	cream	\$.50
566	- - - -	sanguinea	50	cream	\$.50
308	Licania	platypus	80	white	\$.50
569	Couepia	dodecandra	50	white	\$.50
127	Dialium	divaricatum	80	white	\$.50
1024	Pithecellobium	macradenium	60	white	\$.50
861	Tetragastris	Stenensonii	50	reddish	\$.50
123	Simaruba	glauca	60	cream	\$.50
1021	Protium	copal	40	cream	\$.50
414	Guarea	excelsa	50	cream	\$.50
952	- - -	chichon	60	cream	\$.50
1070	- - -	guara	40	cream	\$.50
1067	Cupania	macrophylla	40	cream	\$.50
1093	- - -	belizensis	50	cream	\$.50
323	Sloanea	ericiostemon	50	cream	\$.50
1163	- - -	Schippii	50	yellow	1.00
434	Calophyllum	Brasiliense var.	60	white	\$.50
524	Rheedia	edulis	50	white	\$.50
1132	Amphilophox	subsessilis	50	white	1.00
1151	Gustavia	integrifolia	40	white	1.00
769	Terminalia	excelsa	80	white	\$.50
303	Chrysophyllum	mexicanum	50	cream	\$.50
1157	- - - -	cainito	60	cream	\$.50
101	Maripa	macrophylla	50	green	\$.50
231	Quiina	Schippii	40	white	1.00
S-446	Calatola	laevigata	50	cream	\$.50

			Height	Colour	Packet \$.C
1053	Alseis	yucatana	60ft	Pink	.50
1124	Lucuma	izabalensis	60	cream	.50
1126	- - -	Durlandii	50	cream	.50
1146	Parmetiera	edulis	50	green	.75
1155	Poulsenia	armata	60	cream	.50

#### SHADE TREES SUITABLE FOR FIELD CROPS

Where a light shade is necessary as for Tea, Coffee and Cocoa plantations, the trees found in the following list are to be highly recommended, as suitable for the purpose.

440	Acacia	glomerosa	70		.50
412	Albizzia	idiopoda	50		.50
380	Inga	xalapensis	40		.50
383	- -	Rodrigueziana	40		.50
767	- -	pinetorum	35		.50
163	- -	leptaloba	35		.50
295	- -	edulis	35		.25
621	Pithecolobium	Recordii	35		.50
1113	- - - -	belicense	40		.50
876	Schizolobium	parahybum	80		.50
705	Ateleia	cubensis	35		.50
301	Lonchocarpus	latifolius	40		.50
462	Dalbergia	laevigata	50		.50
795	Piscidia	communis	60		.50

#### FLOWERING SHRUBS

To give a complete list of the flowering shrubs is not intended. Therefore I have only listed those which are of outstanding merit; and particularly showy for large shrubberies. Many others will be found in the body of the Catalogue, under their respective Orders.

865	Iresine	nigra	15	white	.50
33	Hirtella	americana	10	rose	.50
118	Connarus	Lambertii	8	cream	.50
S-175	Callandra	rhodocephala	6	scarlet	.75
657	- - -	Houstoniana	8	red	.50
1106	- - -	portoricensis	7	white	.50
704	Mimosa	albida	5	pink	.50
691	- - -	sommians	4	pink	.50
749	Pithecolobium	Peckii	12	salmon	.50
5 - - - -	Donnell-Smithii		8	white	.50

		Height	Colour	\$.0
748	Pithecellobium	Keyense	10	white .50
609	Sophora	tomentosa	10	yellow .50
870	Quassia	amara	15	rose .75
508	Suriana	maritima	8	yellow .50
1030	Malpighia	glabra	12	rose .50
802	Bunchosia	nitida	7	yellow .50
448	Heteropteris	Beecheyana	10	pink .50
818	- - - - -	brachyptera	8	yellow .75
143	- - - - -	laurifolia	10	yellow .50
708	Malavaviscus	grandiflorus	8	scarlet .25
193	Ouratea	nitida	15	yellow .50
S-468	- - -	stenobotrys	12	yellow .50
317	Arthrostemma	fragile	6	pink .50
706	Tibouchina	longifolia	5	white .50
18	Leandra	mexicana	6	pink .50
395	Miconia	belizensis	10	white pur stanen .75
320	Maieta	cuneata	8	white .75
227	Tococa	coracea	6	shell pink .50
678	Jussiaea	nervosa	7	yellow .25
S-121	Parathesis	aeruginosa	8	pink .50
287	- - - - -	melanosticta	10	pink .50
415	- - - - -	obovata	8	pink .50
38	Ardisia	compressa	8	shell pink .50
S-124	- - -	nigropunctata	8	pink .50
431	- - -	paschalis	9	pink .50
478	- - -	Donnell-Smithii	10	pink .50
930	Tournefortia	gnaphalooides	6	white .50
727	Petrea	arborea v.albiflora		white .75
S-556	- - -	arborea	10	blue .50
265	Cornutia	grandifolia	12	mauve .50
S-17	Cestrum	macrophyllum	8	white .50
330	- - -	nocturnum	8	green .25
603	Lycianthes	lenta	10	white .25
671	Russelia	polyedra	6	scarlet .50
37	Aphelandra	Deppeana	6	red .25
1063	- - - - -	aurantiaca	4	orange .50
146	Odontonema	cuspidatum	6	scarlet .50
222	- - - - -	paniculiferum	6	yellow .50
523	Jacobinia	scarlatina	10	red .75
354	- - - - -	ensiflora	4	salmon .75
1110	Louteridium	Donnell-Smithii	15	green .75

FLOWERING SHRUBS

		Height	Colour	Packet
230	Lindenia	rivalis	5ft	white .50
105	Hamelia	patens	7	red .50
54	Cephaelis	elata	9	claret & white .50
10 - - -		tomentosa	4	red & white .25
345	Faramea	brachysiphon	7	blue .75
410 - - -		occidentalis	10	white .50
1043	Ixora	nicaraguensis	10	white .50
1187	Coussarea	impetiolaris	15	white .50
557	Platerium	gracile	7	white vine .25
604	Palicourea	guianensis	10	orange .50
257 - - -		triphylla	6	orange .50
20	Neurolaena	lobata	8ft	yellow .25
166	Baccharis	trinervis	8	white .25
12	Vernonia	Schiodeana	10	white .50
762	Fluchea	odorata	6	mauve .25
738	Ageratum	tomentosum	4	blue .25
1096	Eupatorium	Verstedianum	6	white flushed red .50
757	Calea	uticifolia	5	white .25
1116	Zexmenia	serrata	9	yellow .25
871	Montanoa	pauciflora	8	white .50
500	Bidens	squarrosa	6	yellow .50

CLIMBERS

The magnificent flowering vines of Central and

South America are without a doubt the most gorgeous gems to be found in Naturé's realm. Pride of place must be given to the Bignoniacées family; to which quite a number herein listed belong; and generally, in the Nurserymen's catalogues, wrongly placed in the genus Bignonia. The Combretums, and several others, are well worthy of introduction into European gardens, for their beauty and exquisite fragrance.

1125	Dichorisandra	hexandra	25	blue .50
934	Neodonnellia	grandiflora	20	white .75
S-125	Aristolochia	grandiflora	40	cream & brown .50
384 - - -		maxima	35	cream & brown .50
75 - - -		Schnippii	50	cream & brown .75
956 - - -		pilosa	30	brown .50
S-415 - - -		Chapmaniana	50	dark brown .50
S-407 - - -		sp	40	brown .50
144	Chamissoa	altissima	60	greenish white .25
60	Pfaffia	Hookeriana	35	white .50
1130	Pisonia	aculeata	35	greenish .50
S-34	Boussingaultia	leptostachys	25	cream .50
321	Cnestidium	rufescens	35	white .50

		CLIMBERS	Height	Colour	Packet
104	Rourea	glabra	40	white	\$.50
1168	- - -	Schippia	50	white	.75
S-178	Entada	polystachia	40	white	.50
1143	- - -	gigas	60	cream	.50
725	Mimosa	Recordii	50	white	.50
S-497	- - -	scalpens	30	white	.75
1097	- - -	hondurana	30	white	.50
1081	Sauviniia	Herrerae	50	yellow	.75
810	Dalbergia	glabra	30	white	.50
S-133	Dioclea	guianensis	35	mauve	.50
880	Stigmaphyllon	ciliatum	30	yellow	.50
S-456	- - - -	mucronatum	30	yellow	.50
1105	Hiraea	facifolia	40	yellow	.50
1138	- - -	smilacina	40	yellow	.50
1084	Dalechampia	tiliifolia	25	cream	.50
S-181	- - - -	Schippia	7	pink veined salmon	.75
289	Vitis	tiliafolia	30	white	.50
476	Marcgravia	nepenthoides	100	cream & red	.75
514	Souroubea	guianensis	100	orange red	.75
S-553	Corynostylis	arborea	30	white	.75
S-143	Passiflora	serratifolia	30	mauve	.50
S-395	- - - -	choconiana	25	mauve	.50
S-466	- - - -	ambigua	40	rose purple & whi.	.50
1111	Begonia	glabra	10	white	.50
S-176	Cereus	pentagonus	30	white	.50
S-411	- - -	minutiflorus	50	white & magenta	.50
87	Combretum	cacoucia	50	orange scarlet	1.00
36	- - - -	farinosum	60	greenish yellow	.75
356	- - - -	mexicanum	60	white	.50
534	Adelobotrys	adscendens	30	shell pink	.50
121	Strychnos	Peckii	40	white	.50
178	Allamanda	cathartica	30	yellow	.50
S-25	Adontadenia	speciosa	40	yellow & red	.50
S-6	Mandevilla	denticulata	30	yellow & red	.50
954	Vincetoxicum	macranthum	25	green & brown	.50
674	Metastelma	pedunculare	8	white	.50
962	Fischeria	Briquetiana	30	yellow & green	1.00
1125	Maripa	nicaraguensis	50	rose	.50
S-288	Rivea	campanulata	40	magenta	1.00
1128	Turbina	corymbosa	40	white	.50
878	Ipomoea	setosa campanulatus	30	pink rose yellow	.50
421	- - -	tuxtlensis	25	red	.50

CLIMBERS

		Height	Colour	Packet
		10	mauve	4.0 .50
S-303	Lycianthus	nitida		
	BIGNONIACEAE			
S-94	Macfadyena	uncinata	30	yellow .50
S-61	Amphilophium	paniculatum	40	rose .50
S-51	Callichlamys	latifolia	60	yellow .50
771	Cydistia	aequinoctialis	50	pink .50
224	- - -	diversifolia	50	rose .50
701	Petastoma	patelliferum	35	dark rose .75
S-297	- - -	caudiculatum	35	white 1.00
1127	Clytostoma	elegans	50	rose 1.00
347	Paragonia	pyramidata	60	pink .75
284	Arrabidaea	belizensis	40	light claret 1.00
593	- - -	floribunda	50	rose .75
1064	- - -	Lundellii	50	pink 1.00
S-2	Adenocalymna	punctifolium	35	yellow .50
S-561	Tanaecium	Zetekii	40	light yellow .50
S-566	Anemopaegma	belizianum	50	yellow .50
S-149	Cedonanthe	confusa	25	shell pink .50
961	Mendoncia	belizensis	50	scarlet 1.00
745	Mikania	punctata	30	white .50
487	- - -	micrantha	25	white .25
137	Eupatorium	albicaule	30	greenish white .50
558	Calea	longipedicellata	20	yellow .25
138	Piptocarpha	chontalensis	50	white .50

COVER CROPS AND GREEN MANURES

In recent years, with the advance in Agricultural knowledge, and the "back to Nature" methods of planting, the wide-awake farmer, and planter, has given more attention to green-manuring, and cover-cropping than in former times. This is not only on account of their value as conservers of moisture, and as soil enrichers, but with the idea of cutting working expenses to a minimum; by doing away with the continual weeding and hoeing work. In Java, Sumatra Ceylon and the Federated Malay States, where vast plantations are the order, weeding expenses are practically nil; when once cover-crops become established. British Honduras is virtually the home of leguminous plants; as the following list will go to prove.

64	Aeschnomene	hispida Sw.	.10
660	- - -	laevis M. et G.	.10
417	Desmodium	adscendens (Sw.) DC.	.10
826	- - -	purpureum (Mill.) Fawc. et Rendle.	.10

		Packet \$.C
841	Desmodium	.10
372	- - - -	.10
702	- - - -	.10
950	- - - -	.10
486	Stylosanthes	.25
563	Indigofera	.25
670	Tephrosia	.25
685	- - - -	.25
1108	Barbieria	.50
493	Crotalaria	.25
816	- - - -	.10
548	- - - -	.10
S-294	Mucuna	.25
772	Eriosema	.25
573	Clitoria	.25
1153	Canavalia	.25
S-133	Dioclea	.50
938	Calopogonium	.25
940	- - - -	.25
613	Galactia	.25
864	Phaseolus	.25
729	- - - -	.25
844	- - - -	.25
620	- - - -	.25
855	- - - -	.25
S-551	- - - -	.25
718	Pachyrhizus	.25
502	Vigna	.25
S-285	- -	.25
579	Centrosema	.25
732	- - - -	.25
720	Cassia	.25
557	- -	.25
594	- -	.25
637	- -	.25
694	- -	.25
490	- -	.25
847	- -	.25
638	- -	.25
704	Mimosa	.50
691	- -	.50
	scorpiurus (Sw.) Desv.	
	frutescens (Aubl.) Schindl.	
	triflorum (L.) DC.	
	axillare (Sw.) DC.	
	guianensis (Aubl.) Sw.	
	suffruticosa Mill.	
	cathartica (S. et M.) Urban.	
	littoralis (L.) Pers.	
	pinnata (Pers.) Baill.	
	mapurensis HBK.	
	retusa L.	
	sagittalis L.	
	Sloanei Fawc. et Hendle.	
	pulchellum (HBK.) Don.	
	rubiginosa Juss.	
	mexicana Piper.	
	guianensis Benth.	
	brachycarpum Benth.	
	coeruleum Benth.	
	striata (Jacq.) Urban.	
	elegans Piper.	
	gracilis Poepp.	
	adenanthus Meyer.	
	hirsutus Mart.	
	lunatus L.	
	lathyroides L.	
	palmatilobus (M. et S.) B. et H.	
	repens (L.) Kuntze.	
	vexillata (L.) A. Rich.	
	angustifolium (HBK.) Benth.	
	virginiana (L.) Benth.	
	wilsoni (S. et B.) Standl.	
	Bartlettii Standl., sp. nov.	
	diphylla L.	
	flexuosa L.	
	Killipii Rose.	
	nictitans L.	
	leiophylla Vog.	
	tagera L.	
	albida H. et B.	
	somnians H. et B.	

Special quotations for large quantities.

AQUATIC AND MARSH PLANTS etc.

The plants coming under this heading are attractive, and will add beauty and charm to Tropical Parks and Gardens; if a reasonable amount of forethought is given as regards planting. So as to give them as natural a setting as possible. Several (followed by the letter A) are suitable for small aquariums. Quite a number (MP or L) are ideal plants for margins of pools, or lakes; while the majority, are handsome foliage plants, suitable for shady dells, or mountain streams SD or MS. This suitability only applies to Tropical, or Semi-tropical countries. If required for the Temperate zones, they would be better in tubs, or pots, for hothouse or conservatory decorative purposes.

Packet

\$.C

89	Alsophila	blechnoides	4ft	SD or MS	Fern	.50
191	- - -	myosuroides	20	-	-	.50
276	Dryopteris	equestris	3	-	-	.50
926	- - -	struthiopteroides	2	-	-	.50
50	Asplenium	cristatum	1	-	-	.50
S-48	Adiantum	Wilsoni	1	-	-	.50
340	- - -	macrophyllum	1	-	-	.50
241	- - -	pulverulentum	2	-	-	.25
48	- - -	Wilesianum	3	-	-	.50
273	Polybotrya	villosula	10	-	- climber	.50
343	Acrostichum	aureum	6	-	-	.25
402	Olfersia	cervina	2	-	-	.50
406	Didymochlaena	truncatula	4	-	-	.50
272	Tectaria	martinicensis	3	-	-	.25
315	Saccoloma	inaequale	3	-	-	.25
526	Leptochilis	cladophyllans	1½	-	-	.25
S-3	Lophidium	elegans	1	-	-	.50
S-15	Lygodium	volubile	15	-	- climber	.50
328	- - -	polymorphum	15	-	- - -	.50
422	Danaea	nodosa	4	-	-	.50
355	- -	elliptica	2	-	-	.50
234	Lycopodium	cernuum	3	-	- Lycopodiaceae	.25
578	- - -	carolinianum	prostrate	MP	- - -	.25
99	Selaginella	cuspidata	9inches	SD or MS	Selaginellaceae	.25
51	- - -	umbrosa	1	-	- - -	.25
52	- - -	Galeottii	1	-	- - -	.25
157	Salvinia	auriculata	floating	A	Salviniaceae	.25
991	Naias	guadalupensis	3	-	Naiadaceae	.25
921	Cyperus	articulatus	6	MP or L	Cyperaceae	.25
1136	Cabomba	aquatica	3	A	Nymphaeaceae	.50

## AQUATIC AND MARSH PLANTS etc.

		Height	MP		Packet \$.C		
119	Pontederia	cordata	2 $\frac{1}{2}$	Pontederiaceae	.50		
955	- - - -	lanceolata	1 $\frac{1}{2}$	- - - -	.50		
499	Eichornia	crassipes	1 $\frac{1}{2}$	A	.50		
640	Nymphaea	ampla	3	-	Nymphaeaceae	.50	
1026	- - -	blanda	3	-	- - -	.50	
747	Brasenia	purpurea	4	-	- - -	.50	
948	Marathrum	foeniculaceum	1	-	Podostemaceae	.50	
S-137	Mayaca	Aubletii	3	-	Mayacaceae	.25	
721	Sagittaria	lancifolia	2 $\frac{1}{2}$	-	Alismaceae	.50	
617	Limnanthemum	Humboldtianum	2	-	Menyanthaceae	.50	
629	Utricularia	resupinata	9ins	-	Lentibulariaceae	.50	
608	- - - -	purpurea	3	-	- - -	.50	
603	- - - -	obtusa	4	-	- - -	.50	
S-89	- - - -	adenantha	6ins	MP	- - -	.50	
630	- - - -	aureola	4	-	- - -	.50	
633	- - - -	dicardia	1	-	- - -	.50	
S-88	- - - -	fimbriata	4	-	- - -	.50	
412	- - - -	junccea	1	-	- - -	.50	
631	- - - -	- - v. minima	3	-	- - -	.50	
560	- - - -	macerrima	1 $\frac{1}{2}$	-	- - -	.50	
632	- - - -	Peckii	5	-	- - -	.50	
367	- - - -	purcilla	6	-	- - -	.50	
262	Costus	spicatus	3	SD-MS	Zingiberaceae	.50	
416	- - -	villoissimum	9	-	- - -	.75	
321	Renealmia	aromatica	8	-	- - -	.25	
253	Calathea	albicans	1	-	- - -	.25	
95	- - -	lutea	9	-	-	Marantaceae	.75
370	- - -	macrosepala	4	-	- - -	.50	
331	- - -	sp.	6	-	- - -	.50	
1048	Pleiostachya	pruinosa	5	-	- - -	.50	
305	Myrsma	guapilensis	6	-	- - -	.50	
420	Thalia	geniculata	7	MP- L	- - -	.75	
779	Stenorhynchus	squamulosus	2	-	-	Orchidaceae	.25
778	- - - -	lanceolatus	1 $\frac{1}{2}$	-	- - -	.25	
S-82	Bletia	alta	3	-	- - -	.25	
S-171	Eulophia	longifolia	4	-	- - -	.25	
539	Drosera	capillaris	3in	-	-	Droseraceae	.25
754	Oxalis	Neaei	6	-	-	Oxalidaceae	.25
208	Biophytum	dendroides	4	-	- - -	.25	
511	Phragmites	communis	10	-	-	Gramineae	.25
S-131	Xyris	subnavicularis	3	-	-	Xyridaceae	.25
550	- -	jupicai	1	-	- - -	.25	

## AQUATIC AND MARSH PLANTS etc.

Packet

		Height 6ins	MP or L			\$ . C
647	Eriocaulon	Schippii	-	Eriocaulaceae	.25	
552	Nemastylis	Bequaertii	1	-	Iridaceae	.50
651	Cipura	paludosa	1	-	- - -	.50
S-300	Marica	gracilis	1½	-	- - -	.50
639	Acisanthera	quadrata	6	-	Melastomaceae	.25
677	- - -	Bartlettii	10	-	- - -	.25
707	- - -	trivialis	1	-	- - -	.25
46	Aciotis	paludosa	1½	-	- - -	.25
29	Nepsera	aquatica	2	-	- - -	.25
652	Pterolepis	pumila	18	-	- - -	.25
776	Schultesia	heterophylla	1	-	Gentianaceae	.25
446	Coutubea	spicata	2	-	- - -	.25
1086	Chelonanthus	alatus	4	-	- - -	.25
649	Sauvagesia	erecta	1	-	Ochnaceae	.25
1082	Alectra	melampyroides	4	-	Scrophulariaceae	.25
671	Russelia	polyedra	4	-	- - -	.50
750	Angelonia	ciliaris	2	-	- - -	.25
591	Gerardia	albida	1	-	- - -	.25
614	- - -	maritima var	1½	-	- - -	.25
610	Bacopa	naias	1	A	- - -	.25
561	Hydrolea	spinosa	3	-	Hydrophyllaceae	.25
733	Wissadula	excelsior	4	-	Malvaceae	.25
549	Melocnia	hirsuta	3	-	Sterculiaceae	.10
599	Aniona	glabra	30	-	Annonaceae	.50
430	Pachira	aquatica	50	-	Bombacaceae	.50
607	Genlisea	luteoviridis	4	-	Lentibulariaceae	.25
207	Xiphidium	caueruleum	1	-	Haemodoraceae	.50
835	Heliconia	hirsuta var. can	4	-	Musaceae	.75
1112	- - -	aurantiaca	5	SD or MS	- - -	.50
329	- - -	marginata	8	-	- - -	.50
375	- - -	pendula	10	-	- - -	1.00
979	- - -	Champneiana	10	-	- - -	.50
S-413	- - -	Mariae	20	-	- - -	1.00
S-414	- - -	bihai	6	-	- - -	.75
357	- - -	acuminata	7	-	- - -	.50
252	Spathiphyllum	phryniifolium	2	-	Araceae	.50
S-8	Carludivica	utilis	10	climbing	Cyclanthaceae	.50
S-516	- - -	palmata	8	-	- - -	.50
562	Myrica	cerifera	10	MP or L	Myricaceae	.50
72	Iresine	celosia	4	-	Amaranthaceae	.10
469	Rivinia	hunilis	2	-	Phytolaccaceae	.25

## CLIMBING AND EPIPHYTICAL ARACEAE, BROMELIACEAE etc.

The gigantic leaved climbing forms in the Araceae family are seen to better advantage if planted at the base of avenue trees, and allowed to climb by means of their aerial roots, which form at each node. The epiphytical species will become quickly established if tied securely to branches of trees, with a protective covering of moss about their roots, until they become firmly attached to branch. This is also applicable to the Bromeliaceae order. It is no uncommon sight to see huge branches torn away from forest trees, by the sheer weight of numbers of these epiphytes growing under natural conditions.

			Height		Packet
98	Aechmea	bracteata	2 $\frac{1}{2}$ ft	Bromeliaceae	.50
S-511	-	nudicaulis	3	- - - -	.50
S-22	Vriesia	disticha	10ins	- - - -	.50
S-189	-	paniculata	10	- - - -	.50
S-82	-	Schippii	1	- - - -	.75
S-132	Catopsis	Berteroniana	1 $\frac{1}{2}$	- - - -	.50
1042	-	nitida	9	- - - -	.25
S-164	Tillandsia	filifolia	9	- - - -	.50
390	-	digitata	1	- - - -	.50
S-10	-	streptaphylla	1 $\frac{1}{2}$	- - - -	.75
S-53	-	balbisiana	1	- - - -	.50
133	-	junccea	1	- - - -	.50
114	-	bulbosa	9	- - - -	.25
S-445	-	vestita	1	- - - -	.50
S-449	Begonia	heracleifolia	2	Begoniaceae	1.00
318	Rhipsalis	cassutha	3	Cactaceae	.50
S-23	-	coriacea	2 $\frac{1}{2}$	- - - -	.50
371	Epiphyllum	pumilum	3	- - - -	.50
S-176	Cereus	pentagonus	30	climber	.50
S-411	-	minutiflorus	45	- - - -	.50
S-389	Merinthopodium	neuranthum	6	Solanaceae	.75
S-303	Lycianthus	nitida	5	- - - -	.25
1056	Columnnea	sulfurea	2	Gesneriaceae	.50
78	Anthurium	scandens	3pendulous		.50
S-16	-	scolopendrinum	1	Araceae	.50
S-279	-	aemulum	10	- - - -	.50
S-177	-	conincinnatum	1 $\frac{1}{2}$	- - - -	.50
S-192	-	myosuroides	10	- - - -	.75
S-402	-	crassinervium	3	- - - -	.75
S-126	Monstera	acuminata	40	- - - -	.75
545	Philodendron	belizensis	30	- - - -	1.00
S-74	-	guttiferum	30	- - - -	.50
S-9	-	panamensis	2	- - - -	.75

## CLIMBING AND EPIPHYTICAL ARACEAE, BROMELIACEAE etc.

			Height	Packet
S-292	Philodendron	tripartitum	30ft	\$.50
S-304	- - - - -	oxyardium	30	.50
314	Hymenophyllum	polyanthos	8	.25
S-21	Trichomanes	Ankersii	9ins	.25
324	- - - - -	Hookerii	1/2 -	.25
S-83	- - - - -	polypodioides	3 -	.25
394	Nephrolepis	biserrata	6	.25
50	Asplenium	cristatum	1	.50
211	- - - - -	Palmeri	5 -	.25
S-274	- - - - -	abscissum	1 -	.25
S-273	- - - - -	dentatum	1	.25
S-277	- - - - -	semicordatum	6 -	.25
S-84	Stenochlaena	recurvata	6 climber	.50
47	Polypodium	lycopodioides	6 - -	.25
349	- - - - -	polypodioides	2 - -	.25
210	- - - - -	ciliatum	6 - -	.25
213	- - - - -	duale	3ins	.25
233	- - - - -	percussum	3 - -	.25
S-80	- - - - -	brasiliense	2	.50
S-265	- - - - -	taxifolium	1	.50
273	Polybotrya	villosula	8 - -	.50
S-268	Elaphoglossum	longifolium	1	.50
S-269	Vittaria	angustifolia	6 - -	.25
153	- - -	lineata	18 - -	.25
S-270	Monogramma	linearifolia	6 - -	.25
S-69	Anetium	citrifolium	9 - -	.25
S-11	Lycopodium	linifolium	2	Lycopodiaceae .50
S-261	Psilotum	triquetrum	10 -	.25

## OMISSIONS &amp; RECENT ADDITIONS TO COLLECTION

		Nat Order	Packet \$.C
S-4	Polytaenium	brasilianum (Desv.) Benedict.	.50
S-50	Hecistopteris	pumila (Spreng.) J. Sm.	.50
373	Chaetochloa	vulpiseta (Lam.) H. et C.	.10
S-522	Chamaedorea	oblongata Mart.	Palmae per 100 1.00
S-521	- - -	neurochlamys Burret.	- - - - 1.00
S-519	Bactris	ovata (Oerst.) Wendl.	- - - - 1.00
647	Eriocaulon	Schippii Standl., sp. nov.	Eriocaulonaceae .50
S-130	Paepalanthus	sp.	- - - - .10
693	Tonina	fluviatilis Aub.	- - - - .25
S-591	Guzmania	lingulata (L.) Mez.	Bromeliaceae .50
S-300	Marica	gracilis Herb.	Iridaceae .50
1188	Dorstenia	contrajerva L. var. Houstoni Bur.	Moraceae .25
1200	Coccoloba	cozumelensis Hemsl.	Polygonaceae .50
1189	Hyperbaena	hondurensis Standl.	Menispermaceae .50
1170	Pimenta	officinalis Lindl.	Lauraceae .50
1198	Sickingia	salvadorensis Standl.	- - - .50
1168	Rourea	Schippii Standl., sp. nov.	Connaraceae 1.00
1209	Albizzia	adinocephala (Donn. Sm.) B. et R.	Leguminosae .50
1192	Cynometra	retusa Britt. et Rose.	- - - .50
1196	Pithecolobium	halogenes Standl., sp. nov.	- - - - 1.00
1197	Bauhinia	sericella Standl., sp. nov.	- - - - 1.00
876	Schizolobium	parahybum (Vell.) Blake.	- - - - 1.00
795	Piscidia	communis (Blake.) Harms.	- - - .50
1212	Swartzia	simplex (Swartz.) Spreng.	- - - .50
S-577	Drepanocarpus	lunatus (L.f.) Mez.	- - - .50
1194	Machaerium	Seemannii Benth.	- - - .50
S-586	Erythroxylon	tabascense Britton.	Erythroxylaceae .75
1180	Phyllanthus	nobilis (L.f.) Muell Arg.	Euphorbiaceae .50
S-593	Acalypha	lancetillae Standl.	- - - - .50
1204	Amanoa	grandiflora Muell Arg.	- - - - .50
1211	Tragia	yucatanensis Millsp.	- - - - .10
1208	Serjania	adiantoides Radlk.	Sapindaceae .50
1163	Sloanea	Schippii Standl., sp. nov.	Mlaeocarpaceae 1.00
231	Quiina	Schippii Standl., sp. nov.	Quiinaceae 1.00
1199	Corynostylis	arborea (L.) Blake.	Violaceae .75
1182	Homalium	riparium Standl., sp. nov.	Flacourtiaceae 1.00
797	Myrcia	Oerstediana Berg.	Myrtaceae .50
944	- -	rhizophorae Standl., sp. nov.	- - - 1.00
S-583	Clidemia	bullosa Cogn.	Melastomaceae .25
1028	Jacquinia	paludicola Standl., sp. nov.	Myrsinaceae 1.00
S-174	- - -	aurantiaca Ait.	- - - - .00
1023	Deherainia	smaragdina (Planch.) DCne.	- - - - .50

			Packet	\$. <sup>c</sup>
1202	Dipholis	durifolia Standl., sp. nov.	Sapotaceae	1.00
1205	Lisianthus	collinus Standl., sp. nov.	Gentianaceae	.50
S-592	Plumeria	acutifolia Poir.	Apocynaceae	.50
962	Fischeria	Briquetiana Standl., sp. nov.	Asclepiaceae	1.00
S-575	Vineetoxicum	Schippii Standl., sp. nov.	- - - -	1.00
1161	Cuscuta	umbellata HBK.	Cuscutaceae	.25
S-587	Tournefortia	glabra L., forma.	Boraginaceae	.50
1169	Heliotropium	indicum L.	- - - -	.10
S-556	Petrea	arborea HBK.	Verbenaceae	.50
1190	Citharexylum	hexangulare Greenm.	- - - -	.25
1166	Lippia	stoechadifolia (L.)HBK.	- - - -	.25
S-389	Merinthopodium	neuranthrum (Hemsl.) Donn. Sm.	Solanaceae	.75
S-584	Solanum	Schippii Standl., sp. nov.	- - - -	.50
1175	- - -	guanicense Urban.	- - - -	.25
S-574	Stemodia	parviflora Ait.	Scrophulariaceae	.10
S-573	Lundia	dicheilocalyx Blake.	Bignoniaceae	.75
S-566	Anemopaegma	belizeanum Blake.	- - - -	.50
S-561	Tanaecium	Zetekii Standl.	- - - -	.50
1201	Rondeletia	belizensis Standl., sp. nov.	Rubiaceae	.50
1162	- - -	stachycides Donn Sm.	- - - -	.50
S-585	Hillia	tetrandra Swartz.	- - - -	.75
1160	Randia	aculeata L.	- - - -	.50
1172	Morinda	yucatanense Greenm.	- - - -	.50
1187	Coussarea	impetiolaris Donn. Sm.	- - - -	.50
1176	Palicourea	crocea (Swartz.) Roem. et Schul.	- - - -	.50
S-579	Machaonia	acuminata HBK.	- - - -	.50
S-557	Elaterium	gracile (Hook. et Arn.) Cogn.	Cucurbitaceae	.10
756	Orthopappus	angustifolius (Sw.) Gleason.	Compositae	.10

.....

62  
INDEX

**A**

Abrus	23	Anacardium	27	Satidaceae	19
Acacia	21.47.49.21	Anadyomene	4	Batis	19
Acanthophora	5	Andira	47.23	Begoniaceae	52.32.31
Acalypha	27.60	Andropogon	9	Begonia	32.31
Acanthorrhiza	11	Anemisia	0	Bellucia	35
Acanthaceae	42	Anemopaegma	53	Belotia	47.29
Acetabulum	4	Anetium	59.7	Bertiera	43
Achimenes	41	Angelonia	57.40	Bidens	45
Achras	36	Anguria	44	Signoniaceae	41.40
Aciotis	57.33	Aniseia	38	Biophytum	24
Acisanthera	57.33	Anisomeris	44	Bixa	30
Acrocomia	11	Anona	48.20 .19	Bixaceae	30
Acrostichum	55. 7	Anonaceae	19	Blechnum	42
Acoelorhaphis	11	Anthephora	9	Blepharodon	37
Adelia	27	Antiarium	58.11	Bletia	56.15
Adenocalymma	53.41	Apnelandra	50.42	Boerhaavia	18
Adiantum	55.7.6	Apocynaceae	37	Bombacaceae	29
Aechmea	5812	Appunia	43	Bourreria	47.39
Aegiphila	39	Araceae	11	Boussingaultia	51.19
Aeschynomene	53.23	Araliaceae	35	Boraginaceae	38
Ageratum	51.45	Ardisia	36	Borreria	43
Aizoaceae	19	Aristida	10	Brassavola	15
Albizzia	49.21	Aristolochia	51.18	Brasenia	56.19
Alchornea	27	Aristolochiaceae	18	Bredemeyera	26
Alectra	47.40	Arrabidaea	53.41	Bromeliaceae	12
Alibertia	43	Arthrostemma	50.33	Brosimum	17
Alismaceae	9	Arundinella	9	Buchnera	40
Allamanda	52.37	Asclepiadaceae	37	Bucida	32
Allophylus	28	Asclepias	37	Buddleia	36
Alseis	43.49	Asterogyne	11	Buettneria	29
Alsophila	55. 6	Astrocaryum	11	Bulbostylis	10
Alternanthera	18	Aspidium	6	Bunelia	36
Amaioua	43	Asplenium	55.6	Bunchosia	50.25
Amanoa	60	Ateleia	49.23	Burmanniaceae	14
Amaranthaceae	18	Avicennia	39	Burmannia	14
Amarantus	18	Avrainvillea	4	Bursera	25
Amaryllidaceae	13	Baccharis	51.45	Burseraceae	25
Amphilophium	53.41	Bacopa	57.40	Byrsinima	47.25
Amphiroa	5	Bactris	60.11	Cabomba	55.19
Amphirrhox	48.31	Bauninia	60.52.22	Cactaceae	32
Amygdalaceae	21	Barbieria	54.23	Caesalpinia	22
Anacardiaceae	27			Caesalpiniaceae	22

Cakile	20	Cereus	58.32	Connaraceae	21
Calathea	56.14	Cestrum	50.38	Connarus	49.21
Calea	51.45	Chaetangiaceae	5	Conocarpus	32
Calliandra	49.21	Chaetocaloa	60	Conostegia	33
Callichlamys	53.41	Chaetomorpha	4	Convolvulaceae	37.38
Calocarpum	36	Chamaedorea	60.11	Corallinaceae	5
Calonyction	38	Chamissoa	51.18	Corallina	5
Calophyllum	48.30	Chaptalia	46	Corchorus	29
Calopogonium	54.24	Characeae	4	Cordia	47.38
Calotola	48.27	Chara	4	Cornutia	50.39
Calyptrogyne	11	Chelonanthus	57.37	Corynostylis	52
Calyptranthes	35	Chiococca	43	Cosmos	.
Calyptrocarya	10	Chloridaceae	10	Costus	56.13
Campanulaceae	44	Chrysobalanus	21	Couepia	48.21
Campelia	12	Chrysophyllum	48.36	Coussapoa	17
Canavalia	54.24	Cipura	57.13	Coussarea	61
Canna	14	Cirsium	46	Coutoubea	57.36
Cannaceae	14	Cissampelos	19	Crataeva	20
Caperonia	27	Cissus	28	Crotalaria	54.24
Capparidaceae	20	Citharexylum	61.39	Croton	26.27
Capparis	20	Cladophoraceae	4	Cruciferae	20
Capraria	40	Cladophora	4	Cucurbitaceae	44
Capsicum	40	Clematis	19	Cupania	47.28
Carica	31	Cletaraceae	35	Cuphea	32
Caricaceae	31	Clethra	47.35	Curatella	30
Carludovica	57.11	Clibadium	46	Curculigo	13
Casearia	31	Clidemia	45.44	Curtia	36
Cassia	54.22	Clitoria	54.24	Cuscuta	61
Cassipourea	32	Clusia	30	Cuscutaceae	61
Cassytha	20	Clytostoma	53.41	Cyatheaceae	6
Catasetum	15	Cnestidium	51.21	Gyathula	18
Catopsis	58.12	Coccocypselum	.	Cycadaceae	8
Caulerpaceae	4	Coccoloba	18	Cyclanthaceae	11
Caulerpa	4	Cochlospermaceae	31	Cydista	53.41
Cayaponia	44	Cochlospermum	47.31	Gymnopetalum	48.20
Cecropia	16	Godonanthe	53.41	Cynareae	46
Celastraceae	27	Columnea	58.41	Cynometra	60
Celtis	16	Combretaceae	52.32	Cynoctonum	36
Cenchrus	9	Combretum	52.32	Cyperaceae	10
Centrosema	54.24	Commelina	12	Cyperus	55.10
Centroserceras	5	Commelinaceae	12	Dalbergia	52.23
Cephaelis	51.43	Compositae	45.46	Dalechampia	52.26
Ceramiaceae	5	Compsoneura	47.20		

Danaea	55. 8	Mlaeocarpaceae	28	Fleurya	17
Davilla	29	Elaphoglossum	59. 7	Forchammeria	20
Dasya	5	Elaterium	51	Fosteronia	37
Dasycladaceae	4	Eleocharis	10	Fucales	5
Deherainia	60	Elephantopus	45	Fucaceae	5
Desmodium	53.54.23	Elvira	46	Fuirena	10
Desmopsis	20	Emilia	46	Galactia	54.24
Dermatocalyx	40	Enallagma	41	Galaxaura	5
Dialium	22	Entada	52.21	Galeandra	14
Dialyanthera	20	Enteromorpha	4	Genlisea	57.42
Dictyostegia	14	Epidendrum	14	Genipa	43
Dictyotaceae	4	Epiphyllum	58.32	Gentianaceae	36.37
Dictyota	4	Eranthemum	42	Geonoma	11
Dichaea	15	Eragrostis	10	Geophilus	42
Dichorisandra	51.12	Ericales	35	Geraniales	24
Dichromena	10	Erigeron	45	Gerardia	57.40
Dictyoxiphium	7	Eriocaulaceae	57.12	Gesneriaceae	41
Dicranopteris	7	Eriocaulon	57	Gilibertia	35
Didymochlaena	55. 7	Eriosema	54.24	Goldmanella	46
Didymopanax	35	Eritalis	43	Gomphrena	18
Dieffenbachia	11	Eryngium	35	Glecheniaeae	7
Digenia	5	Erythrina	24	Glumiflorae	9
Digitaria	9	Erythroxylaceae	25	Gnaphalium	45
Dilleniaceae	29.30	Erythroxylon	60.25	Gonzalagunia	43
Dioclea	54.52.24	Esenbeckia	25	Gouania	28
Diodia	42	Eugenia	33	Guarea	48.25
Dipholis	61	Eulophia	56.15	Guatteria	19
Dioscorea	13	Euphorbia	26	Guttiferae	30
Dioscoreaceae	13	Euphorbiaceae	26.27	Guazuma	29
Disciphania	19	Eupatorieae	45	Guettarda	43
Dodonaea	28	Eupatorium	51.45	Gurania	44
Doliocarpus	30	Euyra	30	Gustavia	48.32
Dorstenia	60	Evolvulus	38	Guzmania	12
Dracaena	13	Fagales	16	Gracilaria	5
Drepanocarpus	60	Fagaceae	16	Grateloupia	5
Drosera	56.20	Faramea	51.43	Grateloupiaceae	5
Droseraceae	20	Farinosae	12	Gymnopogon	10
Drymonia	41	Festucaceae	10	Gymnosiphon	14
Dryptes	31	Ficus	17.16	Habenaria	14
Dryopteris	55. 6	Fimbristylis	10	Haemodoraceae	13
Enbales	36	Fischeria	61	Hamelia	51.43
Enchites	37	Filicales	6. 8	Hampea	27
Eclipta	46	Flacourtiaceae	31	Halimeda	4
Eichornia	56.12				

Halymenia	5	Icacinaceae	27	Liliaceae	13
Hasseltia	31	Icananthus	9	Lianthanthemum	37
Hecistopteris	60	Ilex	27	Lentibulariaceae	41
Heisteria	17	Ilysanthes	40	Lindenia	51.43
Helenioideae	46	Indigofera	54.23	Lindsaya	6
Heliantheae	45	Inga	49.47.22.21	Lippia	61.39
Heliconia	57.13	Inuleae	45	Lisianthus	61
Helicteres	29	Ionopsis	15	Lobelia	44
Heliocarpus	28	Ipomoea	52.38	Lobaniaceae	36
Heliocharis	10	Iresine	49.18	Lonchocarpus	49.47.23
Heliotropium	39	Iridaceae	.13	Lophidium	8
Helosis	18	Ischaemum	9	Loranthaceae	17
Helobiae	9	Isochilus	14	Louteridium	50.42
demidictum	6	Isotoma	44	Lucuma	49.36
Hemionitis	7	Ixora	51.43	Luehea	47.29
Henriettella	34	Jacaranda	47.41	Luffa	44
Heteropteris	50.25	Jacobinia	50.42	Lundia	61
Heterotrichum	34	Jacquemontia	38	Lysianthes	.
Heterosiphonia	5	Jacquinia	60	Lycianthus	53.40
Heteropteridophytas	8	Jatropha	26	Lycopodiales	8
Hibiscus	29	Jussiaea	50.35	Lycopodium	59. 8
Hieronyma	26	Justicia	42	Lycopodiaceae	8
Hillia	61	Kyllinga	10	Lygodium	55. 7
Hippocratea	27.28	Labiatae	39	Lythraceae	32
Hippocrateaceae	27	Lacistema	16	Mabea	27
Hippomane	27	Lacistemaceae	16	Macfadyena	53.40
Hiraea	52.26	Laguncularia	32	Machaerium	60.24
Hirtella	49.21	Lantana	39	Machaonia	61
Homalium	60	Lasiacis	9	Maieta	50.35
Hormidium	15	Lauraceae	20	Malmea	20
Hydrocotyle	35	Laurencia	5	Malouetia	37
Hydrolea	57.38	Leandra	50.33	Malpighia	50.25
Hydrophyllaceae	38	Lecythidaceae	32	Malpighiaceae	25
Hygrophila	42	Leersia	9	Malvaceae	29
Hymenaea	.	Leguminosae	21	Malvales	28
Hymenophyllum	59.6	Leiphaimos	36	Malvaviscus	50.29
Hymenophyllaceae	6	Lepidagathis	42	Mandevilla	52.37
Hyperbaena	60.19	Leptochilus	7	Manettia	42
Hypericaceae	30	Leptochloa	10	Manicaria	11
Hypnea	5	Leptocoryphium	9	Maranta	14
Hypolytrum	10	Leptosporangiatae	6	Marantaceae	14
Hypolepis	7	Licania	48.21	Marathrum	56.21
Hyptis	39	Liliflorae	13		

Marattiales	8	Myrica	16	Ortobolepharum	5
Marattiaceae	8	Myricaceae	16	Oryza	9
Marcgravia	52.30	Myriocarpa	17	Oryzaceae	9
Marcgraviaceae	30	Myristicaceae	20	Ossaea	34
Marica	57.60	Myrosma	56.14	Ouratea	50.30
Maripa	52.48.37	Myrsinaceae	35	Oxalidaceae	24
Mariscus	10	Myrtaceae	33	Oxalis	56.24
Marsdenia	37	Naias	55. 9	Pachira	57.29
Marsypianthes	39	Naiadaceae	9	Pachyrhizus	54.24
Masdevallia	15	Nectandra	48.20	Paepalanthus	60
Matayba	28	Neea	19.18	Palicourea	61.51.44
Matenus	27	Nemastylis	57.13	Palmae	11
Maxillaria	15	Neodonnellia	51.12	Pandanales	9
Mayaca	12	Nephrolepis	59. 6	Panicum	9
Mayacaceae	12	Nepsera	57.33	Panicaceae	9
Melanthera	46	Neurolaena	51.45	Papilionatae	23
Melastomaceae	33	Nyctaginaceae	18	Paragonia	53.41
Meliaceae	25	Nymphaea	56.19	Parathesis	50.36.35
Melochia	29	Nymphaeaceae	19	Parietales	29
Mendoncia	53.42	Ochna	30	Parmentiera	41
Menispermaceae	19	Ochnaceae	30	Paspalum	9
Menyanthaceae	37	Ochroma	29	Passiflora	52.31
Merinthopodium	61	Ocimum	39	Passifloraceae	31
Metastelma	52.37	Ocotea	20	Paullinia	28
Miconia	50.47.34.33	Odontadenia	52.37	Pavonia	29
Microtea	19	Odontonema	50.42	Pectis	46
Mikania	53.45	Olacaceae	17	Penicilllus	4
Mimosa	52.49.22	Oldenlandia	42	Peperomia	16
Mimosoideae	22	Olfersia	55. 7	Pera	27
Misantega	20	Olyra	9	Petastoma	53.41
Mollinedia	20	Onagraceae	35	Petiveria	19
Mormordica	44	Oncidium	15	Petrea	61.50.39
Monimiaceae	20	Oncoba	31	Pfaffia	18
Monocotyledoneae	9	Opcarpon	35	Phaseolus	54.24
Monogramma	59. 7	Ophioglossales	8	Philodendron	58.11
Monstera	58.11	Ophioglossum	8	Philoxerus	18
Montonoa	51.46	Ophioglossaceae	8	Phoebe	48.20
Moraceae	16	Oplismenus	9	Phoradendron	17
Morinda	61.43	Opuntiales	32	Phragmites	10
Mouriria	35	Orbignya	11	Phthirusa	17
Mucuna	54.24	Orchidaceae	14	Physalis	39
Musaceae	13	Oreopanax	35	Phyllanthus	60 .26
Mutisieae	46	Ormosia	23	Phytolacca	19
Myrcia	60	Orthopappus	61		

Phytolaccaceae	19	Prestonia	37	Rinorea	31
Physurus	14	Primulales	35	Rivea	52.38
Picramnia	25	Principes	11	Rivina	57.19
Pilea	17	Priva	39	Rollinia	19
Pimenta	60	Protium	48.25	Rondeletia	61
Pinus	8	Pseudelephantopus	45	Rosales	21
Pinaceae	8	Psidium	33	Rotala	32
Piper	15	Psilotium	8	Rourea	21.60
Piperales	15	Psittacanthus	17	Rubiales	42
Piperaceae	15	Psychotria	44.43	Rubiaceae	42
Piptacarpha	53.45	Pteris	7	Rudgea	44
Piratinera	48.17	Pteridium	7	Ruellia	42
Piriqueta	31	Pteridophyta	6	Russelia	50.40
Pisidia	47.60	Pterocarpus	47.23	Rutaceae	25
Pisonia	51.18	Pterolepis	57.33	Sabal	11
Pitcairnia	12	Quamoclit	38	Sabicea	43
Pithecolobium	49.50.22	Quararibea	29	Saccoloma	55. 7
Pityrogramma	6	Quassia	50.25	Sagittaria	56. 9
Platymiscium	47.23	Quercus	48.16	Salacia	28
Pleiotachya	56.14	Quiina	60.48	Salvia	39
Pleurothallis	15	Quiinaceae	60	Salvinia	55. 8
Pluchea	51.45	Ranales	19	Salviniaceae	8
Plukenetia	27	Randia	61	Santales	17
Plumeria	61	Ranunculaceae	19	Sapindales	27
Podocarpus	8	Rapanea	35	Sapindaceae	27
Podostemonaceae	21	Reinhardtia	11	Sapindus	28
Polymnia	45	Remirea	10	Sapium	27
Polybotrya	55.59. 7	Renealmia	56.14	Sapotaceae	36
Polygala	26	Rhacomia	27	Sarraceniales	20
Polygalaceae	26	Rhabdadenia	37	Sargassum	5
Polygonaceae	18	Rhamnales	28	Saurauia	30
Polygonales	18	Rhamnaceae	28	Sauvagesia	57.30
Polygonum	18	Rheedia	48.30	Scaphyglottis	15
Polypodiaceae	6	Rhipsalis	58.32	Schippia	11
Polypodium	59. 7	Rhizophora	32	Schistocarpha	45
Polysiphonia	5	Rhizophoraceae	32	Schizacaceae	7
Polystachya	14	Rhodophyceae	5	Schizocardia	47.35
Polytaenium	60	Rhodomelaceae	5	Schizolobium	47.60
Pontederia	56.12	Rhoetales	20	Schomburkia	15
Pontederiaceae	12	Rhoeo	12	Schultesia	57.37.36
Posoqueria	47.43	Rhynchosia	.	Schwenkia	40
Poulsenia	49.17	Rhynchospora	10	Scleria	10
Pourouma	16	Richardia	42		

Scoparia	40	Stigmaphylon	52.26	Triumfetta	29.28
Scrophulariaceae	40	Struthanthus	17	Tristeginaceae	9
Sebastiania	27	Strychnos	52.36	Trophis	17
Securidaca	26	Stylosanthes	54.23	Turbina	52.38
Selaginella	55. 8	Suriana	50.25	Turnera	31
Selaginellaceae	8	Swartzia	60	Turneraceae	31
Selaginellales	8	Sympmania	47.30	Typha	9
Senecioneae	46	Symplocaceae	36	Typhaceae	9
Serjania	28	Symplocos	36	Udotea	4
Sesuvium	19	Synanthes	11	Ulmaceae	16
Sicydium	44	Synechanthus	11	Ulotrichales	4
Sickingia	60	Tabebuia	47.41	Ulva	4
Sida	29	Tabernaemontana	47.37	Ulvaceae	4
Simaroubaceae	25	Tamonea	39	Umbelliferae	35
Simaruba	48.25	Tanaecium	61	Unonopsis	20
Siparuna	20	Taxaceae	8	Urena	29
Siphonales	4	Tectaria	55. 7	Urera	17
Siphonocladiales	4	Tephrosia	54.23	Urticaceae	17
Sloanea	60.48.28	Terminalia	48.32	Urticales	16
Smilacaceae	13	Ternstroemia	30	Utricularia	41.42
Smilax	13	Tetracera	30	Valeriana	.
Sobralia	15	Tetragastris	48.25	Valonia	4
Solanaceae	39	Tetrapteris	25	Valoniaceae	4
Solanum	40	Thallophyta	4	Vandellia	40
Sophora	50.23	Thalia	56.14	Verbenaceae	39
Souroubea	52.30	Theaceae	30	Verbesina	47.46
Spathiflorae	11	Theobroma	29	Vernonia	51.45
Spathiphyllum	57.11	Thespesia	29	Vigna	54.24
Spermatophyta	8	Thevetia	37	Vincetoxicum	61.37
Sphenoclea	18	Thrinax	11	Violaceae	31
Spigelia	36	Tibouchina	50.33	Virola	48.20
Spilanthes	46	Tiliaceae	28	Vismia	30
Spiranthes	14	Tillandsia	58.12	Vitaceae	28
Sphagnales	5	Tococa	50.35	Vittaria	59. 7
Sphagnum	5	Tonina	60	Vitex	47.39
Spondias	27	Topoea	33	Vitis	52.28
Spyridia	5	Torenia	40	Vochysia	47.26
Stachytarpheta	39	Torrubia	18	Vriesia	58.12
Stemmadenia	37	Tournefortia	61.39.38	Waltheria	29
Stemodia	61	Tradescantia	12	wedelia	46
Stenochlaena	59. 6	Tragia	61.27	wissadula	29
Stenorhynchus	56.14	Trema	16	Ximenia	17
Stenotaphrum	9	Trichilia	25	Xiphidium	57.13
Sterculiaceae	29	Trichomanes	59. 6	Xylopia	19

Xyris	56.12
Xyridaceae	12
Zamia	8
Zanthoxylon	25
Zexmenia	51.46
Zingiberaceae	13
Zornia	23
Zuelania	31

ERRATA

Page	60	Eriocaulaceae	comes after	Xyridaceae	Page	12
"	" 14	Burmanniaceae	- - under	Microspermae	-	14
-	- 60	Quiinaceae	- - after	Theaceae	-	30
-	- 60	Sickingia (Lauraceae)	read	(Rubiaceae)	-	60
-	- 19	Basellaceae	omitted in index		-	19
-	- 5	Bryales	- - - - -		-	5
-	- 5	Bryophyta	- - - - -		-	5
-	- 19	Nymphaeaceae	read	Nymphaeaceae	-	19
-	- 21	Connaris Family	- -	Connarus	-	21
-	- 66	Opcarpon	- -	Oocarpon	-	66
-	- 35	Oreopanax	- -	Oreopanax	-	35
-	- 12	Vriesia Schippii	S-82	read S-57	-	12
-	- 14	Renealmia aromatica	321	- - 342	-	14
-	- 15	Bletia alta	S-82	- - 782	-	15
-	- 15	Maxillaria variabilis	S-138	- - S158	-	15
-	- 19	Microtea debilis	286	- - S286	-	19
-	- 22	Inga Recordii	342	- - 19	-	22
-	- 28	Hippocratea yucatana	199	- - 119	-	28
-	- 29	Hibiscus bifurcatus	939	- - 839	-	29
-	- 30	Doliocarpus dentatus	420	- - 120	-	30
-	- 36	Schultesia heterophylla	776	- - 774	-	36
-	- 38	Cordia bicolor	184	- - 185	-	38
-	- 41	Utricularia juncea	412	- - 422	-	41
-	- 43	Sorroria latifolia	652	- - 656	-	43
-	- 45	Ageratum tomentosum	739	- - 738	-	45
-	- 45	Gnaphalium attenuatum	527	- - 572	-	45
-	- 22	Mimosa glomerosa	449	delete	-	22

